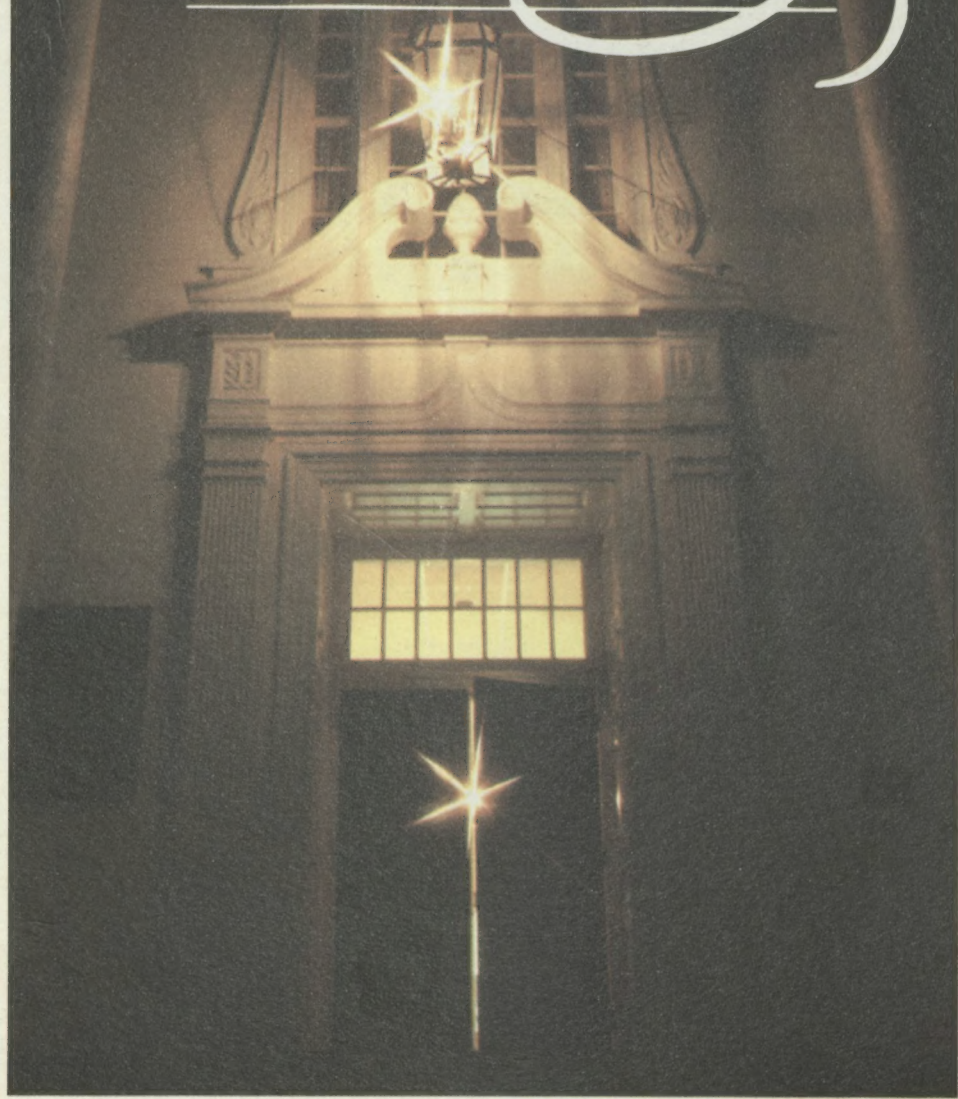


# Salisbury

STATE UNIVERSITY



GRADUATE CATALOGUE

• 1989/90 •



### Correspondence

The Mailing Address: Salisbury State University  
Salisbury, Maryland 21801-6837

The Telephone Number: Area Code 301 543-6000

Specific correspondence should be addressed as follows:

Admission to Graduate Programs .....	Dean of Graduate and Continuing Education
Transcript of Record .....	Registrar
Business Matters .....	Director of Business and Financial Affairs
General Matters .....	Director of Public Relations
Summer School .....	Dean of Graduate and Continuing Education

### Family Educational Rights and Privacy Act

Salisbury State University will assume the right, under the provisions of the Family Educational Rights and Privacy Act, to provide student directory information without prior consent of the student. Directory information is defined as a student's name, local address (if listed), date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of an athletic team member, dates of attendance, degrees and awards received, most recent previous educational agency or institution attended and listing of officers of student organizations (including names and addresses).

In the event a student wants more than directory information released, please notify the Dean of Students Office, University Center.

### Notice To Students

The Graduate Catalogue is an information guide and is not a contract. The University reserves the right to change requirements for degrees, fees, prerequisites, scheduling, grading systems and related matters. All such changes are implemented in such a manner that any new requirements will work no hardship on a student who had previously been admitted to a degree program under another set of requirements.

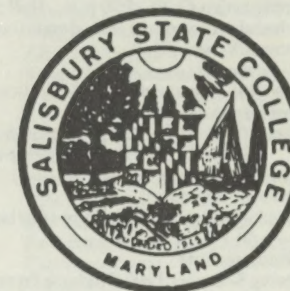
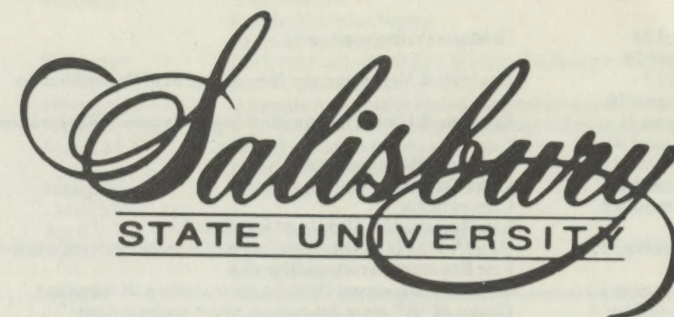
The policies cited in the Graduate Catalogue are only a partial listing of the regulations affecting all Salisbury State University students; unless specifically limited to undergraduate students, all the regulations and policies cited in the current *Salisbury State University Catalogues* apply to graduate students as well.

### Salisbury State University Equal Opportunity Policy

Salisbury State University provides equal employment and educational opportunities without regard to race, color, religion, national origin, sex, age, marital status, or handicap as required by Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and other equal opportunity regulations. The University makes all decisions regarding employment including recruitment, hiring, promotion, and all other terms and conditions of employment without discrimination. Inquiries should be directed to Affirmative Action Officer, Salisbury State University, Holloway Hall, Camden Avenue, Salisbury, Maryland 21801-6837. Telephone 301-543-6025.

### Sexual Harassment Policy

Commensurate with its mission as an academic institution of high quality, Salisbury State University encourages an atmosphere of physical, psychological and social well-being which offers all members of the University community an environment that provides opportunities to work, learn and develop with the human dignity that caring persons bestow on one another. There is no place in such an environment for intimidation or harassment of any kind, and more specifically, the University considers sexual harassment of both employees and students to be unacceptable behavior.



1989-90

Salisbury, Maryland 21801  
301-543-6000

All inquiries concerning graduate study should be addressed to the Office of Graduate and Continuing Education,  
Salisbury State University, Salisbury, Maryland 21801-6837, 301-543-6173.



## Academic Calendar

### FALL SEMESTER 1989

Monday - Friday	April 24 - April 28	Graduate Preregistration
Monday - Wednesday	July 17 - August 16	Graduate & Undergraduate Non-degree Mail Preregistration
Monday - Wednesday	August 21 - August 30	Graduate & Undergraduate Non-degree In-person Registration
Sunday	September 3	Residence Halls open - noon
Monday	September 4	Labor Day
Wednesday	September 6	Classes begin
		Late Registration, Drop/Add for all students
Tuesday	September 12	Drop/Add ends (courses meeting two or more times per week-6:00 p.m.)
		Late Registration ends (6:00 p.m.)
Wednesday	September 13 -	Schedule Adjustment Period (courses lasting all semester)
Friday	November 3	Grades of "W" given for courses which students drop
Thursday	September 14	Convocation (3:30 - 4:30 p.m., Holloway Hall Auditorium)
Wednesday	October 11	Schedule Adjustment Period ends (courses meeting first seven weeks)
Saturday	October 14	Parents/Spouses Day
Wednesday	October 25	Midsemester
Friday -	November 3-	Schedule Adjustment Period ends (courses lasting all semester)
		Last Day to receive "W's."
Monday	November 6	Winter Term 1990 Mail Preregistration begins.
		(Graduate Mail Preregistration ends December 1).
		Program Planning begins
		Advising begins
Tuesday -	November 21 -	Thanksgiving Holidays begin after last class
Friday	November 24	
Monday	November 27	Classes resume
		Spring Semester 1990 Graduate Preregistration begins
		(Graduate Preregistration ends December 1)
Friday	December 1	Winter Term 1990 Mail Preregistration ends
		Spring Semester 1990 Graduate Preregistration ends
Monday	December 4	Winter Term 1990 Graduate In-person Registration begins
		(Graduate In-person Registration ends December 20)
Friday	December 15	Classes end
Sunday	December 17	Commencement (3:00 p.m., Wicomico Youth and Civic Center)
Monday -	December 18 -	Final Examinations
Friday	December 22	
Wednesday	December 20	
Friday	December 22	Winter Term 1990 In-person Registration ends
		End of semester (10:00 p.m.)
		Residence Halls close at 5:00 p.m.
		Final Examinations end
Saturday	December 23	Campus closed

### WINTER TERM 1990

Monday	January 1	Residence Halls open for Winter Term - noon
Tuesday	January 2	Campus Reopens (8:00 a.m.)
		Winter Term 1990 begins
		Spring Semester 1990 Graduate Mail Preregistration begins
		(Mail Preregistration ends January 17)
Tuesday -	January 2 -	Winter Term 1990 Late Registration and Drop/Add
Thursday	January 4	(Weekdays only)
Friday	January 5 -	Winter Term 1990 Schedule Adjustment Period
Wednesday	January 17	Grades of "W" given for courses which students drop
Wednesday	January 17	Spring Semester 1990 Graduate Mail Preregistration ends
Monday -	January 22 -	Spring Semester 1990 Graduate In-person Preregistration
Wednesday	January 31	
Wednesday	January 31	Winter Term 1990 ends

### SPRING SEMESTER 1990

Saturday	February 3	Residence Halls open - noon
Monday	February 5	Classes begin
		Late Registration begins
		Drop/Add continues
Friday	February 9	Drop/Add ends (4:30 p.m.) (courses meeting two or more times per week)
		Late Registration ends (4:30 p.m.)
Monday -	February 12 -	Schedule Adjustment Period (courses lasting all semester)
Friday	April 6	Grades of "W" given for courses which students drop
Friday	March 23	Spring Vacation begins after last class
		Residence Halls close
		Spring Vacation
Monday -	March 26 -	
Friday	March 30	
Sunday	April 1	Residence Halls open - noon
Monday	April 2	Classes resume
		Midsemester
Friday	April 6	Schedule Adjustment Period ends (courses lasting all semester)
		Last Day to receive "W's"
Monday	April 9	Summer 1990, Graduate Mail Preregistration begins (ends May 30)
		Program Planning begins
		Advising begins
Friday	April 20	Schedule Adjustment Period ends (courses meeting last seven weeks)
Monday -	April 23 -	Graduate Mail Preregistration for Fall 1990
Friday	April 27	
Friday	May 4	Honors Convocation - Holloway Hall Auditorium - 3:30 p.m.
Friday	May 18	Classes end
Monday	May 21	Finals begin
Friday	May 25	Final Examinations end
		End of Semester - 10:00 p.m.
		Residence Halls close - 5:00 p.m.
Saturday	May 26	Commencement - 10:00 a.m. - Wicomico Youth & Civic Center
Monday	May 28	Campus closed
Wednesday	May 30	Mail Preregistration for Summer Term ends



## TABLE OF CONTENTS

The University		Disabled Students . . . . .	13
Mission Statement . . . . .	5	Health Center . . . . .	13
History . . . . .	5	Accident & Health Insurance . . . . .	13
Location . . . . .	5	Department of Public Safety . . . . .	13
Facilities . . . . .	6	Vehicle Rules & Regulations . . . . .	13
Division of Graduate Study . . . . .	6	Graduate Degree Programs	
Objectives . . . . .	7	Master of Business Administration . . . . .	14
Academic Regulations and Procedures		Master of Education . . . . .	16
Admission to Graduate Study . . . . .	7	Master of Arts in English . . . . .	18
Admission to		Master of Arts in History . . . . .	19
Master's Degree Programs . . . . .	7	Master of Science in Nursing . . . . .	20
Foreign Students . . . . .	7	Master of Arts in Psychology . . . . .	20
Graduate Credit During Senior Year . . . . .	8	Courses of Instruction	
Transfer Credit . . . . .	8	Art . . . . .	22
Student Responsibility . . . . .	8	Biology . . . . .	22
Faculty Advisory System . . . . .	8	Business Administration . . . . .	23
Catalogue Selection . . . . .	8	Chemistry . . . . .	25
Time Limitation . . . . .	9	Communication Arts . . . . .	25
Course Load . . . . .	9	Computer Science . . . . .	26
Class Attendance . . . . .	9	Education . . . . .	26
Course Numbering System . . . . .	9	English . . . . .	32
Grading System . . . . .	9	French . . . . .	35
Academic Standards . . . . .	9	Geography & Regional Planning . . . . .	36
Academic Dishonesty . . . . .	10	Health . . . . .	37
Procedure for Handling Cases of		History . . . . .	37
Alleged Academic Dishonesty . . . . .	10	Mathematical Sciences . . . . .	40
Financial Assistance . . . . .	11	Music . . . . .	41
Tuition & Fees . . . . .	11	Nursing . . . . .	43
Official Withdrawal and		Philosophy . . . . .	45
Refund Procedures . . . . .	11	Physical Education . . . . .	45
Appeals Concerning Regulations . . . . .	11	Physical Sciences . . . . .	46
Application for Diploma . . . . .	11	Political Science . . . . .	46
Transcripts and Certification of Completion		Psychology . . . . .	47
of Degree Requirements . . . . .	11	Social Science . . . . .	50
Professional Certification . . . . .	11	Social Work . . . . .	50
Student Services, Programs & Policies		Sociology & Anthropology . . . . .	51
General Information . . . . .	12	Spanish . . . . .	52
University Center . . . . .	12	Division of Graduate Study Administration . . . . .	54
The Book Rack		Graduate Council . . . . .	54
(University Book Store) . . . . .	12	Graduate Faculty . . . . .	54
Center for Personal &		Application for Admission to	
Professional Development . . . . .	12	Graduate Study . . . . .	61

## THE UNIVERSITY

### Mission Statement

The faculty and administration of Salisbury State University accept the responsibility to foster in our students an ability to obtain, understand and accurately assess information and ideas, to think reasonably and independently, and to speak and write intelligently and effectively.

In order to give focus and direction to the students' course of study, the University is committed to introducing students to a system of ideas about the nature of man, the universe, and the world created by art and thought. To this end, the University offers as the cornerstone of learning an integrated curriculum which examines the salient ideas in the humanities, social sciences, natural sciences and mathematics. This curriculum serves students both as the foundation for specialized study and as the source for a set of convictions which can guide the conduct of their lives.

Furthermore, the University assumes that what we teach and how we teach ought to foster in our students a disposition for responsible conduct. As such, we are committed to encouraging attitudes of integrity and fairness, respect for others, dedication to the pursuit of truth, and the willingness to uphold and to challenge one's own convictions. It is expected that these attitudes will instill in our students a desire to do things well, to sustain rather than disparage high principles, and to participate as informed, committed citizens in the public forum.

The University also assumes the responsibility to prepare students to work confidently and effectively in their chosen careers; to this end we provide practicable counseling and a number of professional and technical degree programs. Career preparation is not the exclusive province of such programs, however; certain attributes—the power to think clearly, judge soundly, and communicate effectively, the ability to interact with people in a productive and considerate way, and the capacity to adapt and learn in new and unfamiliar situations—must be learned in all courses. And, most important, we attempt to instill in our graduates a spirit of dedication to their vocations and a sense of service to society.

The University recognizes that the students have needs and interests that go beyond the scope of academic life, and we therefore provide additional services and sponsor extra and co-curricular activities which are consistent with the goals and purposes of the institution. Services that support the physical and mental health of the students, and activities such as student government, athletics and cultural events that enhance their lives, are sponsored by the University as necessary components of the education of the whole person.

Finally, we recognize the important contribution that the University and our faculty make to the local region and therefore provide to the surrounding community, when and where feasible, the cultural, social and professional resources of the University.

### History

In 1922 the state legislature established a commission to determine a location for a two-year college on the Eastern Shore of Maryland. A site at Salisbury was selected and the institution opened in September 1925. Since its founding, the University has successfully met the increasing demands of society for quality education and today offers a variety of undergraduate programs in liberal arts, sciences and the professional fields of business administration, education, medical technology, nursing and social work. In addition, the University's division of graduate study offers master's degree programs in business administration, education, english, nursing, psychology and history.

Originally authorized as a college offering a two-year program, the course of study was increased to three years in 1931 and in 1934 to four years. Following this, and by action of the legislature of 1935, the College was authorized to grant the Bachelor of Science.

Expansion of the academic program occurred in 1947 and again in 1960, at which point four-year programs in both the arts and sciences with majors in a number of academic fields had been developed, which provided students with a choice of pursuing either a Bachelor of Arts or a Bachelor of Science. In 1962 the State Board of Trustees approved a graduate program leading to the Master of Education. This was followed in 1971 with approval for a Master of Arts in History, in 1974 a Master of Arts in English, in 1975 a Master of Arts in Psychology, and in 1982 a Master of Business Administration program and a Master of Science program in Nursing.

Today Salisbury State University stands as a nationally accredited four-year, multi-purpose liberal arts university offering 36 distinct undergraduate and graduate degree programs in a friendly atmosphere that encourages close relationships between faculty and students.

### Location

Salisbury State University is located on U.S. Route 13 at the southern edge of Salisbury, which has a metropolitan population of 50,000 and lies 32 miles west of Ocean City, MD, and 115 miles southeast of Baltimore and Washington, 125 miles south of Philadelphia and 125 miles north of Norfolk, VA.



## Facilities

**Holloway Hall** is primarily the administrative office building of the University. It contains most administrative offices, faculty offices and some classrooms. Also in Holloway are a modern 776-seat auditorium, social room and the national Ward Foundation Wildfowl and Woodcarving Museum.

**Blackwell Library**, located near the center of the campus, houses 300,000 items in open stacks including books, bound periodicals, government documents, and a curriculum laboratory. The library subscribes to 1,850 periodicals and has extensive non-book resources including microforms, filmstrips, phono recordings and cassettes. The University Art Gallery is located on the second floor.

**Caruthers Hall**, located near Route 13 to the right of the main entrance to the University, houses the Computer Center, the Reading Center, the Writing Center, teacher education offices, as well as classrooms, faculty offices, a 225-seat auditorium, and public radio station WSCL 89.5 FM.

**The University Center**, located south of Devilbiss Hall, includes a lounge, snack bar, book store, meeting rooms, post office, games room, service desk, and offices for staff and the Salisbury State Program Board.

**The Computer Center** is located in the northeast complex of Caruthers Hall. The administrative computer system is a Digital Equipment Corporation VAX 11/780, 6210 Cluster. The academic computer system is a VAX 8350, with on-line terminals and printers available to students in both Caruthers and Devilbiss Halls. Pro-350 and IBM PC/AT graphics equipment is also available. There are also three labs in Blackwell Library, containing Apple IIe, and IBM PC and PC-compatible microcomputers. Available in the Computer Center is a Cal Comp 1041 plotter. Two small additional rooms, containing microcomputers and terminals, are reserved for faculty use. There is a Scantron Optical Mark Reader used to process examinations, evaluations, and surveys.

**Devilbiss Science Hall** is a three-story air-conditioned building. In addition to its 22 classrooms and 27 offices, there is a mathematics center, laboratories for geography, biological sciences, chemistry, physics and physical science. Special features in this building are a theatre-lecture hall seating 224 and a greenhouse.

**The Hall Education Center** houses the School of Nursing and Health Sciences and is located on the property of Peninsula General Hospital Medical Center.

**The Health Center**, located at the south end of Holloway Hall, features seven student-patient beds, a waiting room, two offices, a treatment room and a utility room.

**The Musical Arts Center**, situated at the Route 13 entrance, is an acoustically treated building, containing a 17-piano electronic piano laboratory, two classrooms and faculty offices.

**Benn Maggs Physical Activities Center** was completed early in 1977 and includes a large arena, swimming pool, wrestling room, dance studio, classrooms, offices, large multi-purpose gymnasium, three racquetball courts, varsity and intramural locker rooms, training room, equipment and reception area.

**Powell Dining Hall**, located near the center of the campus and completed during 1977, seats nearly 1,000 students at one time and offers the latest collegiate kitchen equipment.

**Potomac Hall**, situated between the dining hall and the science building, houses the faculty offices, classrooms and the Art Department's offices and studios.

**The President's Home** is located on a wooded knoll on the southern edge of campus.

**Residence halls:** Wicomico Hall houses 112 students; Manokin Hall, 100 students; Pocomoke Hall, 115 students; and Nanticoke Hall, 160 students. These are the University's traditional dorms.

Choptank and Chester are identical six-story dormitories, each of which houses 225 students and features on the first eight double bedrooms with two student baths, a manager's apartment, visitors' lounge, elevator and public toilets. Each of the five upper floors contains 20 double bedrooms, four student bathrooms, proctors' bedrooms and bath, snack room, student lounge and elevator.

Chesapeake Hall, with 200 students, and St. Martin, with 300 students, are the newest dormitories on campus. These air-conditioned dorms have clusters, each of which has four double rooms surrounding a living room, kitchenette and 2 1/2 baths. Each cluster has its own entrance from the outside; there are no inside corridors.

Dogwood Village is an on-campus 14-home complex with 10 single rooms in each home. Approximately one mile from campus, 84 students are housed in facilities leased from and located next to Peninsula General Hospital Medical Center.

**The Sociology Building** is a recently renovated brick house located in the southwest area of the campus near the Dogwood Drive parking lot.

**The Maintenance Building** houses the central stores and the motor pool.

**Outdoor athletic facilities** include varsity fields for football, soccer, baseball, softball and field hockey; practice fields; all-weather quarter-mile track; and 12 hard surface tennis courts featuring plexi-pave surfaces and six lighted courts for night play. The baseball diamond features an Astroturf infield, the only one in the state.

## DIVISION OF GRADUATE STUDY

Salisbury State University is approved for graduate instruction by the Middle States Association of Colleges and Schools and the Maryland Education Commission. The University offers graduate programs leading to

the Master of Business Administration, the Master of Education, the Master of Arts in English, in History and in Psychology, and the Master of Science in Nursing. Graduate study is also available for teachers seeking to meet requirements for basic or advanced certification and for postbaccalaureate students seeking graduate credit in both academic and professional areas.

During the fall and spring semesters, the great majority of graduate students enroll for courses conducted in the evening program of the University. Designed for part-time students, this program consists mainly of courses meeting once weekly throughout the semester in either late afternoon or evening sessions of approximately three hours each. A limited number of courses, open to both graduate students and advanced undergraduates, are also available in the regular daytime program. In addition, graduate study is available in the University summer program.

## Objectives

The primary objective of the Division of Graduate Study at Salisbury State University is to provide college graduates with opportunities for professional advancement and personal enrichment through graduate study. The graduate curriculum is designed to assist such students in attaining greater mastery of their fields of specialization, to improve skills in pursuing independent study and to increase professional knowledge and ability through the study of new findings in areas of special interest.

The University also recognizes an obligation to college graduates residing in the general community of the Eastern Shore and strives to offer constructive coursework at the graduate level designed to meet their specific needs throughout the year.

## ACADEMIC REGULATIONS AND PROCEDURES

### Admission to Graduate Study

To be eligible for admission to graduate study, the applicant must have completed requirements for the bachelor's degree at a regionally accredited institution of higher learning. Admission to the University is granted without regard to race, color, religion, national origin or sex.

Students seeking admission to graduate study may obtain application forms from the Office of Graduate and Continuing Education. The application should be completed and returned to that office as early as possible in the term immediately preceding actual enrollment. A \$10 non-refundable application fee must accompany the application. The applicant must request the registrar of his/her undergraduate institution to forward an official copy of the applicant's undergraduate transcript, showing completion of baccalaureate requirements, directly to the Dean of Graduate and Continuing Education. Admission for graduate study is unofficial until the official transcript and completed application are on file, and graduate credit will not be recorded until these documents are received and approved.

The student's application for admission and an official copy of the undergraduate transcript must be in the Graduate Office no later than *two weeks* prior to the beginning of the semester the student intends to enroll.

Upon receipt of the completed application for graduate admission and the official undergraduate transcript at the Graduate Office, the applicant will be notified by letter of formal admission for graduate study and may register thereafter for graduate credit so long as he/she remains in good standing. *Admission for graduate study does not constitute admission to a master's degree program.*

### Admission to Master's Degree Programs

Those students indicating on their application forms an intended plan of study leading to a master's degree must meet the requirements for admission to that degree program. Upon meeting such requirements, the student will be notified by letter of formal admission to the degree program selected and will be assigned a faculty advisor who will assist in planning a program of study most appropriate for the student's needs.

Students admitted to the University for graduate study, but who have not been admitted to a master's degree program, should consult this catalogue or inquire at the Graduate Office regarding admission requirements for the program they may wish to enter. Graduate credits earned prior to formal admission to a master's degree program may be applicable toward requirements for the degree, provided such credits are appropriate for the degree program desired and conform with regulations of the Division of Graduate Study.

## Foreign Students

Foreign applicants should submit all documents required for admission at least two months prior to the date of anticipated enrollment. Official copies of transcripts showing completion of baccalaureate degree requirements must be sent directly to the Office of Graduate Studies by the institution at which such work was completed, and documents not written in English must be accompanied by English translations. In addition, applicants whose native language is other than English must submit satisfactory scores on the Test of English as a Foreign Language (TOEFL). Information on the TOEFL may be obtained from TOEFL, Educational Testing Service, Princeton, NJ 08540.



## Graduate Credit During Senior Year

Salisbury State University undergraduates who are within six semester hours of completing requirements for the baccalaureate degree may register for up to six hours of graduate credit at the 400 level (500 level in business administration) to be taken concurrently with the remaining courses in the baccalaureate program, with approval of the dean of Graduate and Continuing Education. Graduate credit will be awarded only upon completion of baccalaureate degree requirements by the end of the semester in which the final course requirements were begun.

## Transfer Credit

On the recommendation of the faculty advisor and with approval of the dean of Graduate and Continuing Education, a student may generally transfer up to 12 semester hours of graduate credit from other accredited institutions, subject to the following conditions. Credit proposed for transfer must be: (1) directly related to the student's program of study as approved by the department concerned and the dean of Graduate and Continuing Education; (2) acceptable for graduate degree credit by the home institution; and (3) supported by an official transcript showing graduate credit earned with grade of "B" or better.

Students planning to earn graduate credit at other institutions for possible transfer toward master's degree requirements at Salisbury State should in all cases write to the Graduate Office and request the proper form for permission to study at another institution. Students should give full particulars on the courses to be taken, so that a decision may be made in advance regarding the acceptability of such credit for transfer. In each case, the student should make certain that he/she has obtained classifications as a "graduate student" at the institution from which the transfer of credit is expected.

For students enrolled in the Master of Education program, a maximum of six hours in education and a maximum of six hours outside of education may be considered for transfer. For students in the M.A. program in history, not more than nine of the 12 hours eligible for consideration may be in history. For students in the M.A. programs in psychology and in English and in the M.S. program in nursing, a maximum of 12 semester hours may be transferred. For students in the M.B.A. program, a maximum of nine hours may be transferred.

The cumulative grade point average of each student will be calculated *only* on work taken at Salisbury State University.

Transfer credit taken more than seven years prior to the date of graduation may not be counted toward a graduate degree (see "Time Limitation").

Credit that has been applied to one graduate degree may not be applied to a second graduate degree.

Credits earned by correspondence are not eligible for transfer.

## Student Responsibility

The responsibility for obtaining the Graduate Catalogue, information regarding registration, scheduling of classes and cost of these classes, becoming familiar with and fulfilling graduate degree requirements, meeting stated deadlines and filing the necessary forms at the proper offices, rests solely with the graduate student.

## Faculty Advisory System

On admission to a master's degree program, the student is assigned to a faculty advisor in the appropriate field of study. The advisor's role is to help the student plan a valid academic program, and to recommend to the respective department chair and the dean of Graduate and Continuing Education those candidates who have met program requirements for their master's degree.

The student is ultimately responsible for planning a program of study which satisfies University and departmental requirements while meeting personal and professional goals. In order to plan and schedule such a program effectively, the student should become thoroughly familiar with academic regulations found in this catalogue and should meet with the faculty advisor (1) upon admission to the degree program, (2) periodically throughout the program and (3) in the semester prior to the awarding of the degree. Where the student and the faculty advisor agree to deviations from the planned program of study, these must be approved in writing by the advisor and entered as approved on the student's program record.

## Catalogue Selection

A student admitted to a master's degree program is generally allowed to satisfy graduation requirements as stated in any single graduate catalogue of the University which meets all of the following conditions:

1. The catalogue does not predate by more than seven years the catalogue in effect at the time of student's graduation.
2. The catalogue was published no earlier than the time of the student's admission to a master's degree program at the University.
3. The catalogue selected meets all requirements imposed by external agencies.

4. The catalogue does not require the University to retain and/or provide disestablished policies, curricula or special facilities, or to continue to provide resources unnecessary for the completion of the existing academic program.

## Time Limitation

All work toward the master's degree (including thesis, if applicable) must be completed within seven calendar years from the end of the semester (or winter or summer term) in which such work began. Transfer credit taken more than seven years prior to the date of graduation may not be counted toward a graduate degree.

## Course Load

The unit of credit is based on the semester system. The normal course load for a graduate student attending fulltime is nine to 12 credit hours per semester. Requests for course loads in excess of 12 hours per semester must be approved by the dean of Graduate and Continuing Education.

Nine hours credit is considered a full course load for the summer session. Additional credit may be taken only with approval of the dean of Graduate and Continuing Education.

## Class Attendance

Students are expected to attend all class meetings of courses for which they are registered unless informed otherwise by the instructor concerned. Frequent unexcused absences, together with unsatisfactory work due to absence, may result in exclusion from the course or suspension from the Division of Graduate Study.

## Course Numbering System: Graduate Credit

Courses at the 500 and 600 levels offer graduate credit exclusively and are not available to undergraduates. Courses at the 400 level appearing in this catalogue may be taken either for graduate credit or for advanced undergraduate credit. Graduate students enrolled in such courses are expected to do graduate level work and to meet requirements more rigorous than those established for undergraduates. It is the responsibility of individual instructors to define precisely the quality and quantity of work that is expected from members of their classes, both graduates and undergraduates.

It follows that an instructor may reasonably anticipate work of the highest level of competency from those enrolled in 500 or 600 level courses.

## Grading System

A four-point grading system is used to identify the quality of academic work. The grade of A carries four grade points per credit hour; B carries three points; C carries two points; D carries one point; and F carries zero points. A grade point average of 3.0 on all work taken in pursuit of degree requirements is required for graduation. The following grades are used to evaluate the student's work in courses taken for graduate credit:

A (Excellent)	F (Failure)
B (Good)	I (Incomplete)
C (Below Standard)	W (Withdrawal)
D (Poor, with no credit for degree allowed)	
WP/WF (Withdrawal Passing/Withdrawal Failing)	

The symbol "I" denotes non-completion of course material for reasons beyond the student's control and is assigned only if the course deficiencies result from unavoidable circumstances. This symbol generally becomes an "F" if the work is not made up prior to midsemester of the next full semester for which the student is enrolled, or at the end of one calendar year, whichever is earlier.

The symbol "W" denotes that the student officially withdrew from a course, or from the University, between the end of the drop/add period and up to one week following midsemester during the fall and spring semesters, and up to a few days beyond midterm for the summer session. For students who withdraw from the University after these deadlines, the symbols "WP" or "WF" are assigned to denote the student's status at the time of withdrawal. Also, for students who withdraw from only a part of their course loads after these deadlines, and who remain registered for at least some part of their original course loads, a grade of "F" will be recorded for the courses dropped.

Courses taken for graduate credit may not be taken on a pass/fail basis.

## Academic Standards

To remain in good standing, a student admitted to a master's degree program must maintain a cumulative grade point average of at least 3.0 (B) on all graduate courses taken in pursuit of degree requirements. If



the cumulative average falls below 3.0, the student will be placed on probation. Dismissal from the master's degree program is automatic if the grade point average is not restored to 3.0 by the time of completion of the next nine hours of credit following notification of probation.

A student dismissed from a master's degree program for academic deficiency will ordinarily remain ineligible for readmission to that degree program or for admission to another master's degree program at Salisbury State University. *In no case will such readmission or admission be granted prior to one calendar year following the term of dismissal.*

In exceptional circumstances, a student dismissed for academic deficiency may be considered for readmission to the program from which dismissal occurred or to another master's degree program. Such a student must submit the appropriate application form to the Graduate Office not later than eight weeks prior to the term for which admission is desired. In each case, the application must be accompanied by a letter showing reasons for lack of previous academic success and why acceptable academic performance might be expected in the future. Decisions on such applications will be made by the Graduate Council after consultation with the chair of the department offering the degree program to which admission is requested.

### Academic Dishonesty

The University expects all students to conduct themselves in accordance with the highest standards of personal integrity and academic honesty.

In the absence of a University honor code, it is each faculty member's responsibility to maintain the standards of academic honesty in all matters related to the faculty member's coursework. The term "Academic Dishonesty" means a deliberate and deceptive misrepresentation of one's own work. Misrepresentations include but are not limited to:

- A. Plagiarism: presenting as one's own work, whether literally or in paraphrase, the work of another.
- B. Cheating on exams, tests, and quizzes: the wrongful giving or accepting of unauthorized exam material and the use of illegitimate sources of information.
- C. Illicit collaboration with other individuals in the completion of course assignments.
- D. Use of fraudulent methods in laboratory, studio, field work, or computer work.
- E. Other willful and deliberate acts generally recognized as being dishonorable and dishonest.

### Procedure For Handling Cases of Alleged Academic Dishonesty

#### STEP 1: Faculty Action

Individual faculty members deal directly with any cases of academic dishonesty that arise in the faculty member's coursework. If a faculty member suspects a student of academic dishonesty, the faculty member will first advise the student of the accusation before imposing a penalty and allow the student an opportunity to question the accusation. The faculty member may then impose an appropriate written sanction, reflecting the seriousness of the act and ranging from an informal warning, to, but not greater than, the issuance of a grade of F for the course and/or removal from the course. If the faculty member issues a grade of F for the course, notification of the action must be sent to the University Judicial Officer. If the faculty member feels the case warrants punishment beyond the issuance of an F grade for the course and/or removal from the course, the faculty member may appeal to the University Judicial Officer (as described in Step 3 below), provided that the faculty member requests such appeal within five calendar days of the faculty member's meeting with the student.

#### STEP 2: Student Action

A student who is accused of academic dishonesty by a faculty member may either accept the penalty imposed by the faculty member or request a conference with the University Judicial Officer in the Office of the Dean of Students. The request for a conference shall be made within five calendar days of the student's receipt of the written sanction referred to in Step 1 above.

#### STEP 3: Conference with the Judicial Officer

If, in the judgment of the faculty member, the alleged act of academic dishonesty warrants extreme sanctions, the faculty member may request that the matter be brought before the University Judicial Officer for consideration and recommendation for disposition, as provided for in Step 1 above. Similarly, if the student wishes to appeal the decision of the faculty member (as outlined in Step 2 above), the student may request a conference with the University Judicial Officer for consideration and recommendation for disposition.

In the event that either the faculty member or the student desires a conference with the University Judicial Officer concerning the matter, the officer shall meet with the parties involved, give consideration to differing views, and make recommendations for disposition.

#### STEP 4: Formal Hearing, University Judicial Board

After conferring with the University Judicial Officer, the faculty member or the student may appeal to the University Judicial Board within five calendar days of such conference. The University Judicial Board shall then convene to consider the appeal and render a decision.

### Financial Assistance

A limited amount of financial aid in the form of graduate assistantships and grants from the Maryland Other Race Grants Program is available each year to selected graduate students. Information concerning such assistance may be obtained from the Graduate Office.

### Tuition and Fees

Tuition for graduate students classified as Maryland residents is \$76 per semester hour for graduate credit. Tuition for graduate students classified as out-of-state residents is \$80 per semester hour for graduate credit. In addition, an out-of-state fee of \$15 payable at each registration is assessed each graduate student residing out of state.

Also payable at each registration is a registration fee of \$23. The following additional fees, usually non-recurring, are also applicable for most graduate students: admission to graduate study, \$10; diploma fee, \$50; on-campus parking fee (payable once annually between September 1 and August 31), \$10; and transcript fee, \$5.00 per copy. A penalty of \$25 is charged for late registration.

There is a University Center fee of \$3 per credit hour for all graduate students.

It should be noted that tuition and fees are subject to change without notice by action of the Board of Regents of the University of Maryland System.

### Official Withdrawal and Refund Procedures

*Students are urged to note this information with care:*

A graduate student who finds it necessary, after registration, to drop a part of his/her course load, or to withdraw from the University completely for that term, should in all cases complete the official drop or withdrawal form and submit it to the Office of the Registrar. This assures the student that any refund due will be processed automatically, and that the change of registration will become a matter of record.

Students failing to comply with regulations governing official withdrawal and/or dropping of courses will receive grade of "F" for courses from which they withdraw or drop unofficially, and will forfeit all right to refunds which might otherwise be made.

Detailed procedures for official withdrawal from the University and official dropping of courses, including deadlines for submitting forms necessary for the disbursement of refunds, appear regularly in the Registration Bulletin for Undergraduate, Graduate and Continuing Education, and in the Summer Session Bulletin.

### Appeals Concerning Regulations

The faculty advisor and respective department chair have jurisdiction over the program of each degree candidate within regulations established by the Graduate Council. When requested by the student, faculty advisor and/or department chairman, the Graduate Council shall serve as the board of appeals on matters concerning the interpretation of regulations governing the degree program.

### Application for Diploma

It is the responsibility of the individual graduate student to check with his/her advisor to make sure that all degree requirements have been fulfilled, and to make the necessary arrangements at the Registrar's Office for graduation.

Each degree candidate must make application for his/her diploma. The Application for Diploma is available at the Office of the Registrar and must be completed and returned to the Cashier's Office, together with payment of the diploma fee, not later than the end of the drop/add period of the final semester before graduation.

If the student fails to file the Application for Diploma by this deadline, graduation may be delayed one semester. Any student who finds it necessary to postpone graduation must submit a new Application for Diploma to the Office of the Registrar.

### Transcripts and Certification of Completion of Degree Requirements

Transcripts of graduate records and certification of the completion of degree requirements may be obtained by contacting the Office of the Registrar. Certification of completion of degree requirements will be made only after all requirements are, in fact, completed and after the Application for Diploma and diploma fee are submitted.



## Professional Certification

Requirements for the various teaching and administrative state certificates change from time to time and are determined by agencies other than the University. Therefore, the University cannot guarantee that a particular graduate program will automatically fulfill requirements for any of the various certificates available. Students seeking such certification are advised to consult a certification specialist within their state departments of education for information on the particular certification requirements they may wish to meet.

## STUDENT SERVICES, PROGRAMS AND POLICIES

### General Information

Student services, programs, policies and procedures exist at Salisbury State University to complement the academic mission of the institution. Student services, programs, policies and professional staff focus on enhancing the teaching/learning environment for students and faculty, and on facilitating the personal development of learners. These goals are accomplished in part by services, programs and staff in offices of the Dean of Students, the Center for Personal and Professional Development, the Health Center, the University Center and the Department of Public Safety.

Information on these University departments follows below.

### SERVICES

#### University Center (543-6100)

The University Center is the social, recreational and cultural center for the University. Programs, services, facilities and staff implement extracurricular activities that complement the formal classroom and that benefit all members of the University community, especially students. The facility promotes informal gatherings of students, faculty and staff. The University Center contains a snack bar, bookstore, quiet lounge, meeting rooms, post office, games area and information desk. Administrative offices are located in room 222.

#### The Book Rack (University Book Store) University Center (543-6085)

The Book Rack is located in the University Center. Its primary purpose is textbook sales. The store also services a variety of other needs including paperback books, school supplies, drug supplies, gift items, posters, greeting cards, bicycle accessories, film and photographic supplies, newspapers and magazines.

Hours for The Book Rack are posted. In general, the store is open 8 a.m.-5 p.m., Monday-Friday. During summer session and between semesters, hours are 8 a.m.-4 p.m. Hours are extended to accommodate night school students during the first three weeks of classes, 6 p.m.-7:15 p.m., Monday through Thursday.

Returns for full credit are accepted on new and unmarked items for two weeks from the date of purchase upon presentation of the sales receipt. Textbook returns are permitted during the first two weeks of the semester only. Used books are purchased as a service to students during exam week each semester. Special orders are accepted for books and records.

#### The Center for Personal and Professional Development University Center, Room 263 (543-6070)

The University staff recognize that many students experience stress and personal problems which interfere with academic success. Specific problems might be of a personal, relationship, family, academic or vocational nature. Problems experienced by students include:

performance anxieties	death/loss issues
testing	relationships
speaking	drug/alcohol
recitals	depression
athletics	weight/eating concerns
sexuality concerns	academic/vocational issues
time management	

All counseling is *confidential*, and there is no fee. Referrals to appropriate departments or agencies are provided.

In addition to personal psychological counseling, the center offers developmental workshops to various student groups on campus.

Information and appointments with a professional counselor can be made by stopping by the office in the University Center. Students may take advantage of walk-in hours, 11 a.m.-2 p.m., Monday-Thursday.

#### Disabled Students University Center, Room 201 (543-6080)

Students capable of academic success, regardless of their disabilities, are admitted to Salisbury State University. Faculty and staff work cooperatively to assist disabled students in educational endeavors and adjustments to the campus community.

Salisbury State University is recognized as a barrier-free campus. Residence hall space for disabled students is available in four of seven halls. Sidewalks and entrances to all buildings are ramped.

Prospective students are encouraged to visit the University to become familiar with the campus and to meet support staff prior to making their final acceptance decision. The Dean of Students Office welcomes inquiries from students with special needs.

#### Health Center Holloway Hall, Room 180 (543-6262)

Recognizing that good health is essential to effective learning, the University maintains a health service available to all full-time students. Part-time and special students are eligible for Health Center services upon payment of activities fees. The Health Center, located in Holloway Hall across from the library, provides confidential treatment of illness and injuries through a well-equipped facility and expert professional staff, including a physician and five nurses with specialized training in college student health. Other services are available five minutes from campus at Peninsula General Hospital Medical Center which includes a modern 340-bed facility and an emergency room open 24 hours a day, seven days a week.

Inpatient care, i.e. 24-hour infirmary service, is not provided by the Health Center; however, nursing staff are members of the Crisis Management Team and are notified by pager system in the event of an emergency.

If a student should contract a contagious disease or acute illness, the family is notified and required to arrange for care of the student through his recovery.

Prior to treatment in the Health Center, each student is required to complete a health history form. *An immunization record is required of all students regardless of age*, and failure to provide this information may result in students being unable to register.

The University Health Center assumes no financial responsibility for student care other than that provided by the Health Center. Students are urged to carry their own accident and health insurance since the University is not legally responsible for accidental injuries and resulting medical expenses. A University endorsed health insurance plan is available; brochures on the plan are located in the Health Center.

Health Center hours are posted each semester at the center.

#### Accident and Health Insurance Holloway Hall, Room 180 (543-6262)

Students are encouraged to carry their own accident and health insurance since the University is not legally responsible for accidental injuries and resulting medical expenses. A University endorsed health insurance plan is available; brochures on the plan are mailed to each student prior to the fall semester and additional copies are located in the Health Center.

#### Department of Public Safety Holloway Hall, Room 022 (543-6222)

The Department of Public Safety, located in Holloway Hall, room 022, can be contacted 24 hours a day. There are two sections of this department—Campus Police and Safety Services. Campus Police services include investigation of crimes and incidents on campus, response to emergencies, vehicle registration, parking enforcement, lost and found, and physical security of buildings. The Public Safety section ensures that the environment is free from hazards that may cause injuries to members of the University community. This is accomplished through periodic inspection of University buildings and grounds and through campus-wide involvement and information about fire and safety matters.

#### Vehicle Rules and Regulations

The University extends to students the privilege of driving and parking motor vehicles on the University campus. In return for this privilege, each student assumes the obligation of abiding by the rules and regulations



of the University governing the use of motor vehicles on campus.

Each student who wishes to drive or park a motor vehicle on the campus must make application to do so at the time of academic registration. Application must also be made at any time following registration when a motor vehicle is brought onto the campus. A driver's license and state automobile registration card are required to register a vehicle. Freshmen who reside in residence halls are not permitted to register a vehicle on campus.

Specific traffic rules and regulations are distributed to all students upon registration of a vehicle. It is the student's responsibility to thoroughly read and understand these regulations and to abide by them. Violations of the regulations will result in a fine and/or revocation of driving and parking privileges and/or possible impoundment of the vehicle at the student's expense. The University assumes no responsibility for the car and/or protection of any student's vehicle or its contents.

Vehicle registration is held in the Department of Public Safety. Monday-Friday, 8 a.m.-4:30 p.m. A \$10 fee is charged for each vehicle registered.

## GRADUATE DEGREE PROGRAMS

### The Master of Business Administration

The Franklin P. Perdue School of Business was created with a multimillion dollar enhancement fund to ensure that the programs offered by the school maintain a high level of excellence. The Perdue School is the largest center for business training and development at the university level in this region. Key characteristics of the school are its emphasis on the entrepreneurial spirit, its blend of theoretical and applied study, and its close interaction between the business community and the classroom. The Perdue School is committed to superior teaching with a concern for students and their individual development as well as the employment of high quality faculty engaged in service and research. The M.B.A. is offered in two formats: the traditional evening program and the executive program. The evening M.B.A. program is designed to allow both recent graduates and experienced managers to complete the degree requirements at an individualized pace. Students may enroll on either a part-time or a full-time basis, with completion generally in three to five semesters depending on enrollment status. The Executive M.B.A. program is specifically designed to allow experienced managers and professionals to obtain the M.B.A. in a timely fashion without career interruption. Executive students attend day-long classes on Saturdays and complete all degree requirements in 20 months.

#### Traditional M.B.A. Program

##### I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State University Division of Graduate Study, described previously in this catalogue, applicants for admission to the M.B.A. program must have:

A. Completed the core of required undergraduate courses cited below or their equivalent graduate survey courses.

1. Principles of Accounting I and II
2. Macro- and Micro-economic Principles
3. Corporate Finance
4. Principles of Management
5. Principles of Marketing
6. Elementary and Intermediate Business Statistics
7. Business Law

In addition to the above required courses, prospective M.B.A. candidates must have a course in introductory statistics, computer science and either finite math, applied calculus or an equivalent college level math course.

B. Attained a total score of at least 950 points based on the formula: 200 times the student's overall grade point average (on a 4.0 scale) plus the GMAT (Graduate Management Admission Test) score; or at least 1000 points based on the formula: 200 times the upper division grade point average plus the GMAT score.

C. Obtained two letters of recommendation from persons qualified to judge the applicant's ability to do graduate work in business.

D. Submitted a resume including a statement of reason for pursuing the Master of Business Administration and a statement of career goals.

##### II. Provisional Admission

Provisional admission may be granted to applicants who have not yet completed the required core of undergraduate courses but whose grade point averages and GMAT scores meet the required total shown in the admissions formulas above. Students in this category should apply for admission as soon as possible so that a specific, individualized plan for satisfying core requirements may be developed in consultation with the director of Graduate Studies of The Franklin P. Perdue School of Business. Provisionally admitted students may, with approval of the director, take a maximum of six semester hours of M.B.A. courses (600-level)

while under the provisionally admitted status.

Provisionally admitted students must maintain a cumulative grade point average of at least 3.0 in undergraduate M.B.A. prerequisite courses and 500-level courses (combined) with no grade less than C.

##### III. Admission to Candidacy

After satisfactory completion of nine semester hours in the master's degree program, the student should apply for admission to candidacy for the M.B.A. Graduate students are required to earn a minimum of 21 semester hours of graduate credit after admission to candidacy, except in special cases authorized by the Perdue School's director of Graduate Studies.

##### IV. Course Requirements

A. While matriculating, fully admitted students must maintain a cumulative GPA of at least 3.0 in 600-level courses with no grade less than C. To be eligible to receive the M.B.A., the graduate student must complete an approved program of 30 semester hours with a cumulative grade point average of at least 3.0 and with no grade lower than C. Of the 30 semester hours, 21 are required, while the remaining nine hours are elective (i.e., electives within the M.B.A. program) and may be used for individualizing the student's program. A breakdown of the required and elective courses is shown below.

##### Required

- Organizational Theory/Behavior
- Economic Environment of the Organization
- Managerial Accounting
- Corporate Financial Management
- Marketing Strategy
- Managerial Decision-Making
- Corporate Strategic Planning and Policy

##### Elective

- Research Methodology
- Organizational Behavior Seminar
- External Environment of the Organization
- Entrepreneurship
- International Business
- Advanced Microcomputer Applications in Business
- Special Topics in Business

B. The M.B.A. curriculum has been arranged so that full-time M.B.A. students can finish the degree requirements in three semesters and the part-time M.B.A. students in five semesters, providing students enter the program in the fall semester. All requirements for the M.B.A. must be completed within seven years of the end of the semester in which M.B.A. degree work began.

##### V. Financial Assistance

Awarded on the basis of academic achievement, a limited number of graduate assistantships and Perdue scholarships are available for qualified M.B.A. students. Applications for graduate assistantships may be obtained from the dean of Graduate and Continuing Education. Information and applications for Perdue scholarships may be obtained from the director of Graduate Studies of The Franklin P. Perdue School of Business.

#### Executive M.B.A. Program

##### I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State University Division of Graduate Study, applicants for admission to the Executive M.B.A. program must:

A. Have significant work experience with at least three to five years in a managerial or professional position.

B. Attain a total score of at least 950 based on the formula: 200 times the student's overall grade point average plus the GMAT score; or at least 1000 points based on the formula: 200 times the upper division grade point average plus the GMAT score. Students who have not taken the GMAT at the time of admission will take the exam as a group at a time determined by the Perdue School director of Graduate Studies. Students with less than a 2.75 overall GPA will be admitted only in rare instances.

C. Submit two letters of recommendation from persons qualified to judge the applicant's ability to do graduate work in business. One letter should be from an official of the applicant's organization, preferably the applicant's immediate supervisor.

D. Submit a resume including a statement of reason for pursuing the M.B.A. and a statement of career goals.

E. Interview with the director of Graduate Studies of The Franklin P. Perdue School of Business.

##### II. Course Requirements

A. The Executive M.B.A. is a 45-semester hour (15-course) program offered on Saturdays. Executive M.B.A. students must maintain a cumulative grade point average of at least 3.0 with no grade less than C. To be eligible to receive the M.B.A., the graduate student must complete the executive program of 45 semester hours with a cumulative grade point average of at least 3.0 with no grade lower than C. The program is designed with a lock-step format in which all students take the 15 required courses in the same sequence in 20 months. The courses are shown below:

- Graduate Survey of Quantitative Analysis
- Graduate Survey of Economics



- Legal Environment of Business
  - Graduate Survey of Marketing
  - Graduate Survey of Accounting
  - Executive Management: Theories and Applications
  - Graduate Survey of Finance
  - Organizational Communication
  - Marketing Strategy
  - Managerial Accounting
  - Advanced Microcomputer Applications in Business
  - Entrepreneurship
  - Corporate Financial Management
  - Economic Environment of the Organization
  - Corporate Strategic Planning and Policy
- B. Students are required to take all courses in the 45-semester hour curriculum. No waiver (or transfer credit) for previous coursework or experience is given.

## The Master of Education

The Master of Education (M.Ed.) is a professional degree designed for those students seeking advanced level preparation in the Education professions. The curriculum includes fundamental, theoretical and practical experiences within specific areas of concentration. Some of the general objectives are as follows:

1. To provide school personnel an opportunity for personal and professional growth and development through graduate study.
2. To provide classroom teachers, administrators and specialists an opportunity to develop and improve competencies in their specific disciplines.
3. To provide candidates with an opportunity for additional preparation needed to advance to one of the more specialized roles in the schools.

Students seeking the Master of Education at Salisbury State University will complete an approved program of study including at least 33 semester hours of graduate credit with a cumulative average of B or higher, with no grade lower than C, and no more than six credit hours of C in their programs.

In addition to the general requirement for admission to the Salisbury State University Division of Graduate Study, the student must make application for admission for degree standing in the Master of Education program. Acceptance to the Division of Graduate Study does not constitute acceptance to the Master of Education program.

### I. Admission to the Program

- A. To be eligible for admission as a degree-seeking student to the Master of Education program at Salisbury State University, the prospective student must:
1. Submit an official copy of the student's undergraduate transcript showing completion of all requirements for the bachelor's degree with acceptable grade point average in the overall program.
  2. Submit two letters of recommendation from persons who can attest to the student's ability to do graduate work.
  3. Submit an application for admission including a written description of the reasons for pursuing graduate study in education and a statement of career goals within the discipline.
  4. Submit acceptable scores on the Miller Analogies Test from an appropriate agency. Testing arrangements may be made through the Education Department Office on campus.

Credentials for admission to the Division of Graduate Study should be sent to the Office of Graduate and Continuing Education. Credentials for admission to the Master of Education program should be sent to the School of Education and Professional Studies. Following the review of these materials by the School of Education and Professional Studies Graduate Committee, the Program Innovation Task Force chair will assign those students admitted to the program a faculty advisor, and the chair will formally notify the student of admission or denial to the program.

#### B. Program of Study

1. Prior to registration for the next academic term, it is the student's responsibility to become familiar with program requirements and to confer with the assigned faculty advisor, or the advisor's designee, to develop a program of study. Upon approval of a prospective graduate student's program of study by the faculty advisor, the student will be permitted to register for courses.

#### C. Conditional Admission

An applicant who is not admitted as a degree-seeking student to the Master of Education program may be admitted on a conditional basis.

1. To be admitted on a conditional basis, the applicant must provide the School of Education and Professional Studies Graduate Committee with information that indicates the student can successfully perform graduate level studies.

2. A conditionally admitted student must confer with an assigned faculty advisor to develop the first 12 hours of coursework for a program of study.
3. Upon completion of 12 hours of coursework with a cumulative average of B or higher and no grade below C, the School of Education and Professional Studies Graduate Committee will recommend that the student be admitted as a degree-seeking student to the Master of Education program.

#### D. Non-degree, Graduate Standing

Students who have been admitted to the Division of Graduate Study, but who have not been admitted to the Master of Education program, may enroll for no more than six semester hours of coursework before being assigned a School of Education faculty advisor. Courses taken prior to acceptance to the Master of Education program may or may not apply to an area of concentration selected later. Questions regarding the applicability of courses taken as a non-degree graduate student will be resolved by the School of Education and Professional Studies Graduate Committee.

## II. Requirements for Admission to Candidacy

- A. To be eligible for admission to candidacy for the Master of Education, the applicant must meet the following requirements:
1. Submitted the completed application for admission to candidacy to the dean of Graduate and Continuing Education.  
The application should be submitted after at least 12 semester hours of graduate degree credit and not later than the completion of 18 hours with a cumulative average of B or higher and no grade below C.
  2. Completed Education 502 within the first 12 semester hours submitted for consideration. Graduate degree students are required to earn a minimum of 15 semester hours of graduate credit after admission to candidacy, except in special cases authorized by the dean of Graduate and Continuing Education.

## III. Course Requirements

- A. The core requirements in the Master of Education program are designed to:

1. Encourage a spirit of inquiry that will enable students to design and interpret research.
2. Assist students in developing the theoretical background that applies to development, learning evaluation and instruction.
3. Help students acquire an appreciation of historic traditions, broad cultural themes, and social trends affecting the dynamics of educational systems worldwide and scientific approaches toward the study of educational issues and their critics.
4. Provide students with the opportunity to develop an understanding of human relationships and how they affect both the teaching-learning process and the context in which schools operate, as well as develop interpersonal/group skills which will enhance their school effectiveness.

A core of 12 semester hours in foundation courses in education is required as indicated. Education 502: Introduction to Research, (3 semester hours), must be completed as part of the requirements for admission to candidacy to the Master of Education, and, schedule permitting, it is strongly recommended that it be taken at the outset of graduate study.

### Required (12 semester hours)

Education 502: Introduction to Research, (3)

### Choice of one of the following three:

Education 500: Historical, Philosophical and Social Foundations, (3), or  
Education 501: Comparative Education, (3), or  
Education 510: Seminar: Recent Issues in Education, (3)

### Choice of one of the following three:

Education 508: Seminar - Research in Human Development, (3), or  
Education 532: Measurement and Evaluation in Education, (3), or  
Education 545: Learning and Instruction in the Schools, (3)

### Choice of one of the following three:

Education 503: Classroom Management, (3), or  
Education 504: Multicultural Education, (3), or  
Education 584: Group Dynamics in Classroom Settings, (3)

In addition to foundation courses, each Master of Education candidate will select an area of concentration consisting of an approved 12 semester hours concentration, six hours of approved electives and a master's thesis or approved course substitute. Detailed descriptions of available courses and additional information concerning each area of concentration will be provided by advisors.

The area of concentration shall be selected from one of the following areas: counseling, early childhood education, educational administration, elementary education, English, geography, history, mathematics, media and technology, music, psychology, reading education, science, or secondary education. At least six semester hours in the concentration shall be selected from courses at the 500 level (i.e., available exclusively for graduate credit).



**Example:**

- 12 Semester Hours - Foundation courses
- 12 Semester Hours - Concentration
- 6 Semester Hours - Approved electives
- 3 Semester Hours - Thesis project or course substitute.

**Concentration**

Areas of concentration will be determined by the student and the School of Education advisor in cooperation with individual academic departments.

**Thesis Option or Course Substitute**

Students are required to complete a thesis or an approved course substitute. Guidelines for these options are available in the School of Education.

Those electing the thesis option will enroll in Education 530: Directed Research, (3 semester hours), and will submit the completed project to the project director. They must also satisfactorily complete an oral examination on the project, to be scheduled through the faculty advisor after completion of the project.

## The Master of Arts in English

**I. Admission to the Program**

In addition to the general requirements for admission to the Salisbury State University Division of Graduate Study, outlined above, an applicant for admission to the M.A. in English program must have:

- A. The undergraduate English major, its equivalent (30 semester hours of English beyond freshman English), or a major in a related area, with a 3.0 grade point average in those undergraduate courses. A student who fails to meet this requirement should consult the English Department's graduate director regarding removal of deficiencies.
- B. Acceptable scores on the Graduate Record Examination aptitude test and Advanced Test in English. A minimum score of 500 on the Advanced Test in English is required; however, under special circumstances, the English Department Graduate Committee may admit candidates who do not meet this condition. A student who chooses the Language/Composition concentration described below should only submit the GRE aptitude test results.
- C. Two letters of recommendation from persons qualified to judge the applicant's ability to do graduate work in English.
- D. A written description of the applicant's reason for pursuing English graduate study and academic goals within the discipline.

**II. Admission to Candidacy**

- A. After satisfactory completion of at least 12 semester hours and not more than 18 semester hours, under plan A or B as indicated below, the student should apply for admission to candidacy for the Master of Arts. Graduate students are required to earn a minimum of 15 semester hours after admission to candidacy, except in special cases authorized by the dean of Graduate and Continuing Education.

**III. Course Requirements**

- A. To be eligible to receive the M.A. in English, the graduate student must complete 33 semester hours. Included in the 33 hours must be a minimum of six semester hours of English at the 500 level.
- B. The graduate student must maintain a cumulative average of 3.0 (B) or higher on all courses and must have no grades below C. After completion of the first three courses (nine semester hours) in the program, any final grade lower than C will disqualify the student from continued enrollment in the program.
- C. The student may choose one of the three following ways to meet degree requirements. All course selections must be approved by the faculty advisor.
  1. Plan A (Non-thesis)
    - a. At least 24 semester hours of English at the 400-500 level.
    - b. Up to nine semester hours at the 400-500 level in one supporting discipline, e.g., education, history, modern languages, philosophy, psychology, sociology, communication arts or art.
  2. Plan B (Thesis)
    - a. At least 21 semester hours of English at the 400-500 level.
    - b. Up to nine semester hours in one supporting discipline listed under Plan A above.
    - c. Three semester hours thesis credit (English 531).
  3. Plan C (Language/Composition)
    - a. At least 18 semester hours of coursework at the 400-500 level in language study and writing pedagogy, of which the following are required: English 431 and 465; Education 454 and 455.
    - b. The required course, English 463: Literary Analysis (463) and up to 12 semester hours of 400-500 level course electives in English; six of these hours are to be in literature. Subject

to the graduate director's approval of the specific course, only three of these 12 semester hours may be elected from 400-500 level courses outside the English Department.

**IV. Procedures of the Academic Program**

Students in Plans A or B may elect to concentrate in an area of emphasis compatible with their needs and with the availability of course offerings outlined in the department's course scheduling sequence. This area may be a period of British, American or comparative literature, a genre of literature, or the study of language, rhetoric and composition. Within the departmental course offerings, students may elect also a subordinate emphasis upon folklore or film.

**V. Additional Requirements**

To help maintain a measure of commonality and a liberal scope to the degree program, all candidates for the M.A. in English in Plans A and B must take a written comprehensive examination. As soon as students have been admitted to the program, they will be provided with a list of primary texts to prepare for the examination. Students are responsible for all materials on the list regardless of the coursework they may elect. Students may take the examination at the conclusion of any semester in which they currently maintain good standing in the degree program, though they may not delay the examination longer than one full semester following the completion of their coursework. Every examination will be evaluated by two members of the English Department faculty, unless a third opinion of an examination's merits should be required. In order to earn the M.A. in English, a student must pass this comprehensive examination within two attempts.

## The Master of Arts Degree in History

**I. Requirements for Admission to Candidacy**

- A. At least 15 semester hours in history from the junior-senior level or above, including a course in historiography, and a grade point average of 3.0 or better in all history courses. This preparation is designed to serve as a foundation for graduate study in history and is therefore ineligible for inclusion in the 33 semester hours normally required for the degree. Students lacking this preparation must make up the deficiency prior to becoming eligible for admission to candidacy.
- B. Submission of an official copy of scores on the Graduate Record Examination aptitude test. It is expected that students will submit the GRE scores at the time they apply to enter the History Department graduate program. Students may be provisionally admitted to the History Department graduate program without the GRE scores if the undergraduate records show exceptional promise. In such cases, the GRE scores must be submitted to the department before the end of the first semester of full-time graduate study or before completion of 12 hours of part-time studies.
- C. A minimum score of 1000 combined verbal and quantitative on the GRE aptitude test or a minimum 50th percentile is required; however, under special circumstances the History Department may admit candidates who do not meet this condition.
- D. Two letters of recommendation from persons qualified to judge the applicant's ability to pursue graduate studies in history.
- E. Submission of the completed application for admission to candidacy to the dean of Graduate and Continuing Education. This application should be submitted after completing the above requirements and at least 12 semester hours of graduate degree credit, but not more than 18 hours, with a cumulative average of 3.0 or higher and no grade below C. Graduate degree students are required to earn a minimum of 15 semester hours of graduate credit after admission to candidacy, except in special cases authorized by the dean of Graduate and Continuing Education.

**II. Course Requirements**

A minimum of 33 semester hours, with a cumulative grade of B or higher and no grade below C, is required for the Master of Arts in History. At least 15 semester hours must be taken in courses at the 500-level, and these 15 hours must include at least nine semester hours at the 500-level in history (i.e., courses available exclusively for graduate credit). The remaining six hours must be in history or in the student's designated minor field.

Students admitted to the M.A. program in history may choose either Plan A or Plan B for meeting course requirements. All course selections must be approved by the History Department faculty advisor.

**Plan A**

1. Eighteen semester hours in history
2. Nine semester hours in one minor field (education, English, geography, psychology, etc.)
3. Six semester hours: thesis in history

**Plan B**

1. Twenty-four semester hours in history
2. Nine semester hours in one minor field (education, English, geography, psychology, etc.)

**III. Additional Requirements**

All candidates for the M.A. in History must satisfactorily complete both a written and an oral examination near the completion of their program requirements, demonstrating proficiency in the areas of study undertaken. Students should contact the chair of the History Department in this regard after completion of 21 semester



hours of graduate credit. Plan A students must complete this examination requirement either prior to or in the semester concurrent with registration for the thesis. In the event of an unsatisfactory performance in whole or in part on these written and oral examinations, the candidate will be eligible for re-examination in whole or in part as the case may warrant. Such re-examination must occur within a year of the original examinations. In any event, a candidate shall be eligible for no more than one written or oral re-examination.

## The Master of Science Degree in Nursing

Graduate education in nursing builds upon generalized preparation at the undergraduate level and provides advanced role preparation and knowledge in a specialized area of nursing. Salisbury State University offers a master's program with a major in Family Nursing in Rural Areas, with functional role preparation in either nursing service administration or clinical specialization. The program is also designed to provide a basis for doctoral study in nursing.

Students seeking the Master of Science in nursing must complete an approved program of study, including a minimum of 42 semester hours of graduate credit with a cumulative average of B or higher and no grade lower than C. The program may normally be completed in two academic years of full-time study. Part-time study leading to the degree is also available.

### I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State University Graduate School outlined above, applicants for admission to the graduate program in Nursing must meet the following requirements:

- A. Completion of a National League for Nursing accredited baccalaureate degree program in nursing.
- B. Grade point average of 3.0 on a 4.0 scale.
- C. An official copy of scores on the Graduate Record Examination (GRE) aptitude test only.
- D. Completion of a recent undergraduate course in statistics.
- E. Two letters of reference from individuals familiar with the applicant's qualifications for graduate study.
- F. A curriculum vitae, with a statement of reasons for pursuing the Master of Science and a statement of academic goals.
- G. Proof of current licensure as a registered nurse.
- H. Proof of current malpractice insurance.
- I. Proof of current CPR certification.
- J. Completion of an approved course in physical assessment is recommended.

### II. Course Requirements

A minimum of 42 semester hours, approved by the department advisor and taken in the prescribed sequence according to the functional area selected, must be completed with a cumulative grade point average of 3.0 or better and with no grade lower than C.

Each student will elect to take either clinical specialization or administration in nursing service as a functional role. Once the choice has been made, the potential clinical specialist will take Advanced Physiology or The Theory and Practice of Teaching Adults, and the potential nursing service administrator will take Health Care Finance.

### III. Additional Requirements

All candidates for the Master of Science in Nursing must take three semester hours of Research Development and complete a thesis.

Students and their advisors will select a thesis committee composed of three faculty members. At least one of these faculty members must be a member of the graduate faculty from the Department of Nursing. The thesis committee must approve the student's thesis proposal before the student initiates the research.

Upon completion of the thesis, an oral examination will be conducted by the thesis committee.

Guidelines for the thesis are provided by the department.

## COOPERATIVE PROGRAM - SALISBURY STATE UNIVERSITY AND WIDENER UNIVERSITY

Salisbury State University and Widener University have established a cooperative program to provide expanded opportunities for specialized graduate education in nursing. Through this program, students enrolled in the master's degree program at Salisbury State University may elect to receive advanced preparation at Widener University as a clinical specialist in Oncology Nursing or Burn Emergency and Trauma Nursing. Students enrolled in the master's degree program at Widener University may elect to receive advanced preparation at Salisbury State University as a clinical specialist in Family Health Nursing in Rural Areas.

## The Master of Arts Degree in Psychology

### I. Admission to the Program

The Department of Psychology offers a Master of Arts in General Psychology, with options in school psychology and counseling psychology. In addition to the general requirements for admission to graduate

study, students seeking admission to the Master of Arts program in psychology must meet the following requirements:

- A. Completion of the departmental application for admission to the M.A. in Psychology program.
- B. Completion of requirements for an undergraduate major, or equivalent, in psychology or related area (i.e., social work, sociology, education) with acceptable grade point averages in both the major field and overall baccalaureate program. Students without this preparation and/or whose grade point averages fall below acceptable levels may petition the Psychology Department Graduate Committee for admission and, if successful, may be provisionally admitted to the program while making up deficiencies.
- C. Completion of the undergraduate courses Psychology Statistics, Experimental Psychology and Psychology of Learning is required since these courses provide a foundation for graduate study in this field. Students without this foundation may be conditionally admitted to the program, but must make up the deficiency prior to formal admission to the degree program.
- D. Submission by an appropriate agency of acceptable scores on the Miller Analogies Test. Testing arrangements may be made through the Psychology Department Office on campus.
- E. Submission of three letters of reference on standardized forms, available in the admissions packet, from individuals familiar with the applicant's qualifications for graduate study.

### II. Course Requirements

A minimum of 36 semester hours, approved by the departmental advisor and student's committee and taken in the prescribed sequence according to the area of concentration selected, with a grade point average of B or better.

### III. Additional Requirements

- A. Satisfactory completion of a written comprehensive examination. Scheduling of the examination is by written request of the student, submitted at least one month prior to the planned examination date, after consultation with the advisor. Students failing to complete this examination satisfactorily will be entitled to one re-examination only, to be scheduled after an appropriate time for review.
- B. Satisfactory completion of a thesis for three hours credit (Psychology 531). The thesis topic must be approved by a committee of three faculty members selected by the student and the advisor. Upon completion of the thesis, an oral examination will be conducted by the student's thesis committee. Guidelines for thesis preparation are provided by the department.



# COURSES OF INSTRUCTION

## Art

### 490. INDEPENDENT STUDY Variable 1-3 hours credit

A course to provide directed study in one or a combination of studio disciplines. May be repeated once under a different subtitle. Students must furnish their own materials. **Prerequisite:** Approval of the department chair prior to registration.

### 500. SEMINAR: ISSUES IN ART 3 hours credit

Discussions and research concerning timely topics in art, including direct student participation and faculty lectures. Topics may vary from semester to semester. May be repeated once for degree credit under different course subtitle. **Prerequisite:** Consent of instructor. **Four hours per week.**

**NOTE:** See Education Department listings for the course, Art Education (Education 495).

## Biology

### 410. ESTUARINE BIOLOGY 3 hours credit

This course is a general study of estuarine biology with a focus on the Chesapeake Bay. The biota found there, its unique biology, and current perturbations due to environmental pollution will be covered in detail. A brief introduction to physical and chemical processes of estuaries is also included. **Prerequisite:** Biology 121, 122, 201 (Biology 321 is strongly recommended). **Two hours lecture and two hours laboratory per week.**

### 415, 416. RESEARCH IN BIOLOGY 3 hours credit each

Independent study, in which students conduct their own research projects under the supervision of a member of the faculty. **Prerequisite:** Approval of project by supervisor. Normally reserved for advanced undergraduates and graduates. One hour of formal instruction each week and two additional hours to be arranged individually.

### 418, 419. BIOLOGY SEMINAR 1 hour credit each

Discussions concerning timely topics in biology and related fields. Includes direct student participation and faculty lectures. **Prerequisite:** Consent of the instructor. **One hour per week.**

### 422. GENERAL PHYSIOLOGY 4 hours credit

Encompasses the underlying physical and chemical principles of vital activity. Basic mechanisms are emphasized. The laboratory will include techniques in physiological investigation. **Prerequisite:** Biology 201, 204 or 122 and consent of instructor. **Two hours lecture and three hours laboratory per week.**

### 430. PLANT PHYSIOLOGY 4 hours credit

Advanced study of the physiological mechanisms utilized by plants with special reference to higher phyla. **Prerequisite:** Biology 121 or 203. A minimum of eight hours of chemistry is highly recommended. **Two hours lecture and four hours laboratory per week.** (Available for either graduate or undergraduate credits.)

### 435. CYTOLOGY 3 hours credit

A discussion of the structure and function of the cell and its components. Laboratory work is based on light microscopy and electron microscopy. **Prerequisites:** Biology 101 and 102 or Biology 121 and 122, and completion of the biology core program or equivalent. **Two hours lecture and three hours laboratory per week.**

### 440. CONTEMPORARY GENETICS 3 hours credit

A lecture course for advanced undergraduates dealing with the "new genetics" techniques giving rise to the biochemical manipulations of genetic traits through the use of restrictive nucleases, gene cloning, transformation and directed genetic engineering. **Prerequisites:** Biology 201, 202, Chemistry 202, 204, or consent of instructor.

### 490. SPECIAL TOPICS IN BIOLOGY Variable 1-3 hours credit

A study of a specific area of biological science. The topics will vary from semester to semester. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisites:** Biology 101 and 102 or Biology 121 and 122, and approval of the instructor.

### 501. MODERN CONCEPTS IN BIOLOGY 3 hours credit

A study of the most recent developments in biology, with special emphasis on genetics, animal

behavior and sociobiology. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisites:** Biology 101 and 102 or Biology 121 and 122, and completion of the biology core program or equivalent. **Three hours lecture per week.**

### 502. BIOLOGY AND ENVIRONMENT 3 hours credit

A study of organisms as integral parts of their environments, including field studies involving applications of environmental principles. **Prerequisites:** Biology 101 and 102 or Biology 121 and 122, and completion of the biology core program or equivalent. **Two hours lecture and two hours laboratory per week.**

### 503. CONTEMPORARY CELL BIOLOGY 3 hours credit

An intensive study of the latest findings in cell biology, with application to the pressing problems of today. **Prerequisite:** Biology 201, 202 and at least one year of chemistry. **Three hours lecture per week.**

### 504. PERSPECTIVES IN MODERN GENETICS 3 hours credit

Intensive study of modern genetics for the advanced student. Findings in molecular, cellular and developmental genetics will be related to classical genetic theory and current problems. **Prerequisites:** Biology 201, 202 and at least one year of chemistry. **Three hours lecture per week.**

### 552. ADVANCED HUMAN PHYSIOLOGY 3 hours credit

In-depth study of the physiology and associated anatomic structures of human organ systems. Topics include the cell and the nervous, muscular, circulatory, endocrine, digestive and excretory systems, with separate attention to temperature regulation. **Prerequisite:** B.S. in biology, health related field or education with biology emphasis. **Three hours lecture per week.**

## Business Administration

### 510. GRADUATE SURVEY OF ACCOUNTING 3 hours credit

An introduction to the principles of accounting for proprietorships, partnerships and corporations. Surveys current financial accounting principles, the accounting cycle and financial statements. **Prerequisite:** Provisional status in M.B.A. program or admission to the Executive M.B.A. program. **Three hours per week.**

### 520. GRADUATE SURVEY OF ECONOMICS 3 hours credit

An introduction to macro- and micro-economic principles. Examines the constraints and choices imposed on the firm by resource limitations, technology, the competitive environment, the growth and stability of aggregate income and a wide range of public policies. The rationale for policies to modify or augment private production and spending decisions will be considered. (M.B.A. leveling course.) **Prerequisites:** Provisional status in M.B.A. program and MATH 150, 151; COSC 110 and 111; or equivalents; or admission to Executive M.B.A. program. **Three hours per week.**

### 530. GRADUATE SURVEY OF QUANTITATIVE ANALYSIS 3 hours credit

Introduction to decision-making tools and techniques for making operational, administrative and upper management level decisions. Mathematical and statistical models will be applied to managerial decision-making situations. **Prerequisites:** Provisional status in M.B.A. program and MATH 150; COSC 110 and 111; or equivalents; or admission to Executive M.B.A. program. **Three hours per week.**

### 535. HEALTH CARE FINANCE 3 hours credit

An introduction to financial management in the health care environment. Designed for nurse/managers, this course covers financial accounting and analysis, financial management (including the mathematics of finance), cost accounting, budgeting, control systems, forecasting, working capital management and third party reimbursements. **Three hours per week.**

### 540. GRADUATE SURVEY OF FINANCE 3 hours credit

A comprehensive course in modern financial management. Includes financial theories, working capital management, capital acquisition, international finance, mergers and acquisitions, bankruptcy and reorganization, and leasing. (M.B.A. leveling course.) **Prerequisites:** Provisional status in M.B.A. program and BUAD 510, 520, 530, or equivalent; or admission to the Executive M.B.A. program. **Three hours per week.**

### 550. GRADUATE SURVEY OF MANAGEMENT 3 hours credit

A study of the interrelationship of various management functions; principles of general management, production management, management information systems; and management of international operations. Introduces various schools of



management, modern organizational theories and the elements of decision-making. (M.B.A. leveling course.) **Prerequisites:** Provisional status in M.B.A. program. **Three hours per week.**

#### 560. GRADUATE SURVEY OF MARKETING 3 hours credit

An examination of markets and marketing functions responding to a dynamic environment. An overview of marketing functions and institutions adapting to social, economic, legal and technical change. Special emphasis will be placed on the ramifications of consumerism and regulation of marketing activities. (M.B.A. leveling course.) **Prerequisite:** Provisional status in M.B.A. program or admission to the Executive M.B.A. program. **Three hours per week.**

#### 615. RESEARCH METHODOLOGY 3 hours credit

Designed to develop techniques and methods for research. Includes identifying and defining managerial problems, reviewing the literature and stating problems in terms of testable hypotheses and methods of testing hypotheses. A major research paper is required. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

#### 620. ORGANIZATIONAL THEORY/BEHAVIOR 3 hours credit

A development of a framework for understanding the modern business enterprise. Includes a review of management thought and organizational theory, the functions of management and recent trends in management theory and practice. The contributions of behavioral science, management science, systems theory, contingency theory and other relevant theories are examined. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

#### 621. EXECUTIVE MANAGEMENT: THEORIES AND APPLICATIONS 3 hours credit

Study of organizational structures, functions, environments and processes including behavioral science concepts. Reviews classical and recent trends in management theory and practice. **Prerequisite:** Admission to Executive M.B.A. program. **Three hours per week.**

#### 625. ORGANIZATIONAL BEHAVIOR SEMINAR 3 hours credit

A study of individual and group behavior in organizational structures to understand the interaction of managers with other members of the organization. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

#### 630. ECONOMIC ENVIRONMENT OF THE ORGANIZATION 3 hours credit

Analysis of factors which determine aggregate production, income and employment. Evaluation of fiscal, monetary and income policies. Review of forecasting techniques. **Prerequisite:** Admission to M.B.A. program or admission to the Executive M.B.A. program. **Three hours per week.**

#### 635. EXTERNAL ENVIRONMENT OF THE ORGANIZATION 3 hours credit

A study of the environmental forces which influence the organization. Includes identification and measurement of external forces and effects on management decisions. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

#### 636. LEGAL ENVIRONMENT OF BUSINESS 3 hours credit

Indepth analysis of legal principles as they relate to business. Examines commercial law, product liability and government of product safety, antitrust, labor law, the social responsibility of business and the international dimension of the legal environment. **Prerequisite:** Admission to Executive M.B.A. program. **Three hours per week.**

#### 640. MANAGERIAL ACCOUNTING 3 hours credit

The study of the use by management of accounting information for planning and control. Includes budgeting, cash-flow analysis, cost behavior concepts, strategic planning and financial reporting. **Prerequisite:** Admission to M.B.A. program or admission to the Executive M.B.A. program. **Three hours per week.**

#### 645. ORGANIZATIONAL COMMUNICATION 3 hours credit

A course designed to improve a manager's effectiveness in communicating on both an interpersonal and systems level. Topics include dissemination of information, writing style and format. Includes theories and models in communication. Emphasis is on solving business communication problems. **Prerequisite:** Admission to Executive M.B.A. program. **Three hours per week.**

#### 650. CORPORATE FINANCIAL MANAGEMENT 3 hours credit

A review of financial theory and techniques. Topics include capital acquisition, working capital management, use of the capital asset pricing

model, capital budgeting and international corporate finance. **Prerequisite:** Admission to M.B.A. program or Executive M.B.A. program. **Three hours per week.**

#### 655. ADVANCED MICROCOMPUTER APPLICATIONS IN BUSINESS 3 hours credit

A comprehensive course in the use of microcomputers for business. Database management systems, decision support systems, operating systems and spread-sheet, statistical, and word processing packages will be examined in the context of business applications. **Prerequisites:** Admission to M.B.A. program or Executive M.B.A. program. **Three hours per week.**

#### 660. MARKETING STRATEGY 3 hours credit

A study of classic and contemporary marketing strategies for both profit and non-profit organizations. Considers the organizational-environmental interface as a shaping factor in planning and implementing the marketing mix. Emphasis will be placed on planning in a dynamic environment. **Prerequisite:** Admission to M.B.A. program or Executive M.B.A. program. **Three hours per week.**

#### 665. ENTREPRENEURSHIP 3 hours credit

Analyzes organized and systematic entrepreneurship in new enterprises, established large enterprises, and non-business institutions. Emphasis is on applying concepts and techniques from the functional areas of business to the new venture development environment in independent and corporate settings. **Prerequisite:** Admission to M.B.A. program or Executive M.B.A. program. **Three hours per week.**

#### 670. MANAGEMENT SERVICE MODELS 3 hours credit

The study of rational decision-making in a computer-assisted environment. Topics include decision theory, linear programming, distribution models, inventory models and project management. **Prerequisite:** Admission to the M.B.A. program. **Three hours per week.**

#### 680. CORPORATE STRATEGIC PLANNING AND POLICY 3 hours credit

The study of the functions of top management, the crucial problems that affect success in the total enterprise, and the decisions that determine the direction of the organization and shape its future. Topics include formulation of corporate strategy, resource management, personal and ethical values

and their influence on organizational structure, process and behavior. **Prerequisite:** Completion of 12 semester hours at 600-level in SSU M.B.A. program, including either Managerial Accounting (BUAD 640) or Corporate Financial Management (BUAD 650), or admission to Executive M.B.A. program. **Three hours per week.**

#### 685. INTERNATIONAL BUSINESS 3 hours credit

Study of the international aspects of business management and the environment of international business. Topics include the economics of international trade, international finance, cultural factors, and the major aspects of business operations in the foreign environment. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.**

#### 699. SPECIAL TOPICS IN BUSINESS 1-3 hours credit

Study of specific problems and issues in business administration. May be taken twice under different subtitles recorded with the registrar. **Prerequisite:** Admission to M.B.A. program. **One to three hours per week.**

### Chemistry (See Physical Sciences)

### Communication Arts

#### 400. COMMUNICATION AND CULTURE 3 hours credit

Philosophy and theories of human communication: structures, relations and interactions between forms of communication within their cultural settings. **Three hours per week.**

#### 450. SPEECH CORRECTION AND THE CLASSROOM TEACHER 3 hours credit

A study of childhood speech and hearing disorders and methods for the classroom teacher in effectively dealing with student referral, the promotion of good speech habits and therapeutic reinforcement. **Three hours per week.**

#### 452. DEVELOPMENT DISABILITIES IN SPEECH AND LANGUAGE ACQUISITION 3 hours credit

A study of speech and language development and perceptual disorders which affect language comprehension and use. Communication prob-



lems resulting from the delay, breakdown or misuse of language function will be considered. **Three hours per week.**

#### 453. CREATIVE DRAMATICS 3 hours credit

Emphasis is placed on the manner in which creative dramatics assist the growth of the child. The course considers creative dramatics as a motivating factor in the teaching and learning process. **Three hours per week.**

#### 490. SPECIAL TOPICS IN COMMUNICATION Variable 1-3 hours credit

Intensive study of a selected topic in speech, communication studies or theatre. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

#### 500. ORAL READING AND THE TEACHING OF LITERATURE 3 hours credit

Designed to lead the student to an awareness of literature through the performing self to reinforce the concept that one's physiological and psychological processes are bound together in the act of understanding what stories and poems mean. **Three hours per week.**

#### 510. SEMINAR IN INTERPERSONAL COMMUNICATION 3 hours credit

The investigation of speech-communication from the point of view of conflict, manipulation, barriers and breakdowns; factors which undermine human potential for optimum reciprocal social intercourse. **Three hours per week.**

#### 645. ORGANIZATIONAL COMMUNICATION 3 hours credit

A course designed to improve a manager's effectiveness in communicating on both an interpersonal and systems level. Topics include dissemination of information, writing style and format. Includes theories and models in communication. Emphasis is on solving business communication problems. **Prerequisite:** Admission to Executive M.B.A program. **Three hours per week.**

### Computer Science

#### 410. DATA BASE MANAGEMENT SYSTEMS 3 hours credit

Study of the design, implementation and application of Data Base Management Systems. Several

commercially available systems will be examined. **Prerequisite:** Experience with File-Design Concepts (COSC 220 or 310). **Three hours per week.**

#### 415. DATA COMMUNICATION SYSTEMS 3 hours credit

The concepts and characteristics of data communication systems, including distributive networks, concentrators and multiplexors, remote terminals, modems and processors. Examination of control hardware and software systems. **Prerequisite:** COSC 315.

#### 422. ORGANIZATION OF PROGRAMMING LANGUAGES 3 hours credit

The organization of programming languages, with emphasis on their formal specifications and on the run-time behavior of programs. **Prerequisites:** COSC 350. **Three hours per week.**

#### 450. SOFTWARE SYSTEMS II 3 hours credit

Analysis of the operating system, the program which supervises the activity of the computer. Resource allocation will be emphasized. **Prerequisite:** COSC 383 and 385. **Three hours per week.**

#### 490. SPECIAL TOPICS 3 hours credit

For the student who wishes to study in certain specialized areas such as functional analysis, multivariate statistics or artificial intelligence. This course may be taken twice, under different course subtitles recorded with the registrar. **Prerequisite:** (For most topics) COSC 350. **Three hours per week.**

#### 501. COMPUTER SCIENCE FOR MATH AND SCIENCE TEACHERS 3 hours credit

Study of microcomputers, advanced programming concepts and other topics appropriate to secondary school teachers of mathematics and science. **Prerequisite:** Ability to design and write clear programs (COSC 120).

### Education

#### 405. THE LAW AND PUBLIC EDUCATION 3 hours credit

A study of school law which affects the teacher and the public school. The nature and scope of school law are considered as generally applied to the purposes and functions of the school system. **Prerequisite:** Education 615.

#### 407. APPLIED AUDIO-VISUAL METHODS IN TEACHING 3 hours credit

A survey of instruction technology, media and methods. The identification and critique of concepts, principles, and issues regarding the application of I.T. and media to the curriculum. **Three hours per week.**

#### 408. CHILDREN'S LITERATURE 3 hours credit

A study of the works of important writers and artists in each of the major types of children's books (fairy tales, picture books, realistic fiction, fantasies, biographies, etc.). Historical trends and methods of incorporating children's literature into the elementary program are included. **Three hours per week.**

#### 409. LITERATURE FOR ADOLESCENTS 3 hours credit

A study of literature written specifically for and about the contemporary adolescent, with emphasis on methods of teaching aspects of it to build adolescent appreciation for the more established literary selections found in secondary school curriculum. **Prerequisites:** At least three courses in literature beyond English 102 are required. Admission to Professional Teacher Education Program. **Three hours per week.**

#### 412. CURRICULUM AND METHODS IN ELEMENTARY SCHOOL PHYSICAL EDUCATION 3 hours credit

Principles of curriculum construction, selection and organization of materials. Lesson planning and teaching methods. Survey of current trends. **Three hours per week.**

#### 414. PRODUCING GRAPHIC MATERIALS IN EDUCATION 3 hours credit

Identification of basic principles and procedures used in planning and producing graphic instructional materials. Appropriate activities also provided to integrate media techniques into participant's professional skills. **Three hours per week.**

#### 415. USING PHOTOGRAPHY IN EDUCATION 3 hours credit

Emphasis on increasing competencies in the development of photographic instructional materials. Students will identify basic principles and practices of photography and become involved in activities that apply photographic technique to instructional material development. **Three hours per week.**

#### 416. FILM MAKING IN EDUCATIONAL SETTINGS 3 hours credit

This course is designed to foster film making skills in school situations. Students work in teams in planning and producing super 8mm films. Emphasis given to animation, live-action and montage techniques. **Three hours per week.**

#### 419. TEACHING MUSIC IN THE ELEMENTARY SCHOOL 3 hours credit

Techniques for teaching music in the elementary school; study of the child voice; appropriate singing, listening, rhythmic, instrumental and creative activities; remedial work for poor singers; activities for musically talented children; comprehensive overview of music materials and their application to the elementary school curriculum. **Prerequisite:** Admission to Professional Teacher Education Program. Music 200, (or equivalent, or approval of instructor). **Three hours per week.**

#### 420. FOUNDATIONS OF READING (Elementary Education) 3 hours credit

Deals with pre-reading skills, beginning reading, informal assessment, analysis of reading programs, grouping procedures, word attack skills and development of vocabulary and comprehension abilities. Intended for personnel in elementary education. **Prerequisite:** Admission to Professional Teacher Education Program. **Three hours per week.**

#### 422. FOUNDATIONS OF READING (Secondary Education) 3 hours credit

Includes analysis of the reading process, assessment of content materials, reading in content areas, word attack skills, vocabulary and comprehension development, corrective reading, and study strategies. Intended for personnel in middle, junior and senior high schools. **Three hours per week.**

#### 425. TEACHING READING COMPREHENSION: RESEARCH/INSTRUCTION 3 hours credit

This course, an elective in reading education, investigates contemporary research relating to the development of reading comprehension, procedures assessing reading comprehension competencies and teaching strategies for improving comprehension proficiency. Designed for elementary or middle school reading and resource teachers. **Prerequisite:** Admission to Professional Teacher Education Program, and either Education 316 or 420 or 422.



**427. CLASSROOM ANALYSIS AND CORRECTION OF READING DIFFICULTIES**

**3 hours credit**

Includes causes and prevention of reading disabilities, strategies for the collection and analysis of reading behavior, and instruction programs for correction. Intended for teachers interested in reading disabilities, but who do not wish to specialize in reading education. **Prerequisite:** Education 316 or 420 or 422. **Three hours per week.**

**429. TEACHING MUSIC IN THE SECONDARY SCHOOL**

**3 hours credit**

Methods and materials for teaching music in grades 7-12. The areas of emphasis are vocal, instrumental and general music. **Prerequisites:** Music 200. **Three hours per week.**

**435. GUIDANCE**

**3 hours credit**

A basic course in the principles of guidance and related pupil personnel services, including the meaning and purpose of guidance and common adjustment problems. **Three hours per week.**

**436. VOCATIONS: DEVELOPMENT AND APPRAISAL**

**3 hours credit**

Surveys vocational choices with emphasis on developmental theory. Occupational information and the appraisal of vocational interests are emphasized. **Three hours per week.**

**437. MATERIALS AND METHODS IN CAREER EDUCATION**

**3 hours credit**

Rationale for and methods of career education in elementary and secondary schools. Emphasis is given to the psychological and philosophical bases, identification of researchable problems, implications and implementation of careers curricula. **Three hours per week.**

**438. PRODUCING SLIDE-TAPE PROGRAMS IN EDUCATIONAL SETTINGS**

**3 hours credit**

This course is designed to foster slide-tape production skills in school situations. Students work individually in planning and producing slide-tape shows. Emphasis given to single and multi-image techniques. **Three hours per week.**

**439. SINGLE CAMERA VIDEO TAPING IN EDUCATIONAL SETTINGS**

**3 hours credit**

This course is designed to foster TV/VCR production skills in school situations. Students work in teams in planning and producing videotapes. Emphasis given to portable single camera equipment. **Three hours per week.**

**440. INTRODUCTION TO EARLY CHILDHOOD EDUCATION**

**3 hours credit**

Introduction to curriculum and methods in early childhood education, including theories, practices, techniques and materials. **Prerequisites:** Education 300. Previously numbered as Education 446. **Three hours per week.**

**441. EARLY CHILDHOOD EDUCATION INTEGRATED CURRICULUM I**

**3 hours credit**

Materials and methods for teaching language arts to kindergarten and pre-kindergarten level children. Emphasis on curriculum planning, use of space, class management and lesson planning. Attention to art, music, nutrition, safety, health education, motor activities and positive teacher-parent relations. **Prerequisite:** Education 440. **Three hours per week.**

**442. EARLY CHILDHOOD EDUCATION INTEGRATED CURRICULUM II**

Materials and methods for teaching science, social studies and math readiness to kindergarten and pre-kindergarten level children. Emphasis on curriculum planning, room design, class management and lesson planning. Attention to management, professional development, curriculum development roles and field trip planning. **Prerequisite:** Education 440. **Three hours per week.**

**449. MULTI-CAMERA VIDEOTAPING IN EDUCATIONAL SETTINGS**

**3 hours credit**

An introduction to the fundamentals of videotaping in a multi-camera environment. "Hands-on" experience in planning and producing videotapes in educational settings. **Three hours per week.**

**454. COMPOSITION: CURRICULUM AND METHODS**

**3 hours credit**

An investigation of (1) selected public school composition curricula and (2) a number of methodologies for teaching composition. Participants evaluate curricula and methodologies on criteria developed from (1) current literature on the writing process and (2) continuing association with public schools by the SSU School of Education and Professional Studies. **Prerequisite:** At least one course in composition beyond English 101.

**467. EDUCATING THE MILDLY HANDICAPPED CHILD**

**3 hours credit**

This course is designed to acquaint classroom teachers with instructional approaches for the mildly handicapped learner. Major topics of the course include: mainstreaming, IEPs adapting instructional approaches, behavior management, stressing early childhood, elementary and secondary levels. Intended for the regular classroom teacher and not for certification in special education. **Degree credit allowed for either Education 467 or Education 480, but not for both. Prerequisite:** Education 300 or equivalent. **Three hours per week.**

**471. COMPUTERS IN EDUCATION**

**3 hours credit**

An overview of the role of computers in education. An examination of computer applications as they relate to specific teaching/learning operations and educational functions. **Prerequisite:** A teaching methods course or consent of instructor. **Three hours per week.**

**472. THEORY AND PRACTICE OF TEACHING ADULTS: AN INTRODUCTION**

**3 hours credit**

This course is intended for students seeking information about contemporary methods of effective adult instruction and assumes no prior knowledge about educational methods, theories or practices. **Three hours per week.**

**475. METHODS AND MATERIALS IN ENVIRONMENTAL EDUCATION**

**3 hours credit**

A course designed to increase an individual's awareness of one's immediate environment with the aim of developing a broad philosophy of environmental education. Existing teaching methods and materials will be analyzed, and new methods will be developed for use in interdisciplinary problem-focused situations. **Three hours per week.**

**480. TEACHING CHILDREN WITH SPECIAL NEEDS**

**3 hours credit**

Introductory instruction in the observation, identification and management of children, K-12, with mild to moderate learning problems. **Three hours per week.**

**485. DIAGNOSTIC-PRESCRIPTIVE TEACHING**

**3 hours credit**

Designed to teach knowledge and skills in two areas: (1) diagnostic—the collection of information

concerning children with special learning and behavioral needs; and (2) interventions—developing an instructional plan based upon specific assessment data. **Prerequisite:** Education 480 or Psychology 423 or equivalent. **Three hours per week.**

**490. SPECIAL PROBLEMS AND PRACTICES IN EDUCATION**

**Variable 1-6 hours credit**

Individually designed programs including: seminars; workshops; courses in curriculum development, planning, and evaluation; specialized areas of study for purposes of enrichment and in-depth study of special problems and/or professional practices in education. **Prerequisite:** Permission of department chair.

**495. SPECIAL PROBLEMS AND PRACTICES IN ART EDUCATION**

**3 hours credit**

A contractual course designed for regular classroom and art teachers K-12/6/7-12. Individual programs of study in the areas of daily planning, curriculum development, seminars, workshops and project techniques. Students will furnish some materials. Recommended for senior undergraduate or graduate credit. This course may be taken twice, under different course subtitles recorded with the registrar.

**500. HISTORICAL, PHILOSOPHICAL AND SOCIAL FOUNDATIONS**

**3 hours credit**

Selected topics in intellectual and educational history from the time of ancient Greece to the present. The relation of education to historic traditions and social trends. **Three hours per week.**

**501. COMPARATIVE EDUCATION**

**3 hours credit**

The student will develop understanding of the comparative dynamics of educational systems in various countries. The criteria for such comparison will be developed as part of the course.

**502. INTRODUCTION TO RESEARCH**

**3 hours credit**

An introduction to the methods of scientific inquiry. Gaining experience in the use of research in defining a problem and in collecting, organizing and presenting information on it. **Three hours per week.**

**503. CLASSROOM MANAGEMENT**

**3 hours credit**

This course will aid teachers in developing practical skills needed to manage their classes more effectively. Recent research related to effective man-



agement techniques and its application in classrooms will be considered. Appropriate management strategies will be selected, implemented and evaluated in the classroom. **Three hours per week.**

**504. MULTICULTURAL EDUCATION**  
**3 hours credit**

An examination of contemporary cultural diversity within the United States educational environments. Special attention will be given to cultural problems and issues that influence opportunity and performance in educational institutions. Human relations skills will be considered for improving success within culturally diverse populations. **Prerequisite:** Education 502. **Three hours lecture per week.**

**505. THE LAW AND PROFESSIONAL NEGOTIATIONS**  
**3 hours credit**

A study of professional negotiations from the point of the teacher or other public employees in service. Materials are taken from rapidly developing labor law in the public sector with special emphasis given to operation of the Maryland professional negotiations law for teachers. **Three hours per week.**

**506. SEMINAR IN TEACHING OF MATHEMATICS**  
**3 hours credit**

Analysis of recent theory and results of research for the teaching of mathematics. Students investigate developments at either the elementary or secondary school level. **Three hours per week.**

**508. SEMINAR: RESEARCH IN HUMAN DEVELOPMENT**  
**3 hours credit**

A survey of research techniques and findings in the field of human growth and development. Research related to developmental characteristics of students will be considered. **Prerequisites:** Education 300 or consent of instructor. **Three hours per week.**

**510. SEMINAR: RECENT ISSUES IN EDUCATION**  
**3 hours credit**

Analysis of selected recent issues in education for critical study. Each student is required to survey and critically evaluate pertinent research on at least one issue. **Three hours per week.**

**512. SEMINAR IN THE TEACHING OF SOCIAL STUDIES**  
**3 hours credit**

Analysis of theory and research in the social

sciences as applied to developing and teaching social studies at either the elementary or secondary school level. **Three hours per week.**

**513. SEMINAR IN THE TEACHING OF SCIENCE**  
**3 hours credit**

Analysis of recent advances in the teaching of science and the development of skills in applying these to classroom teaching at the elementary or secondary school level. **Three hours per week.**

**514. SEMINAR IN CURRICULUM CONSTRUCTION**  
**3 hours credit**

A study of the factors underlying the public school curriculum and its development. Opportunities are provided for individual research in curriculum construction at either the elementary or secondary school level. **Three hours per week.**

**516. PUBLIC SCHOOL ADMINISTRATION**  
**3 hours credit**

An analysis of the responsibilities of the school administrator, including procedures for staff organization, in-service training, curriculum development, scheduling, guidance and other facets of school administration. **Three hours per week.**

**517. PUBLIC SCHOOL SUPERVISION**  
**3 hours credit**

A study of the nature, methods and techniques of public school supervision, emphasizing human relationships and other factors involved in the role of the supervisor. **Three hours per week.**

**520. THE DIAGNOSIS OF READING DISABILITIES**  
**3 hours credit**

Designed for professional personnel seeking specialization in clinical diagnostic techniques. Includes collection and analysis of reading behavior and examines various instruments and strategies for collection of data on children with reading disabilities. **Prerequisite:** Education 420 or 422. **Three hours per week.**

**521. THE REMEDIATION OF READING DISABILITIES**  
**3 hours credit**

Designed for professional personnel seeking specialization in clinical-remedial techniques. Includes transfer of diagnostic data into teaching strategies and materials for programs of remediation. **Prerequisite:** Education 520. **Three hours per week.**

**522. CLINICAL PRACTICUM IN READING**  
**3 hours credit**

Designed for professional personnel seeking advanced work in clinical, diagnostic and remedial techniques. Includes diagnosis and remediation of children with severe reading disabilities. Emphasizes collection and analysis of test data and development of instructional programs for the severely disabled. **Prerequisite:** Education 521. **Three hours per week.**

**523. ADVANCED SEMINAR IN READING EDUCATION**  
**3 hours credit**

A survey of the literature in reading education dealing with trends, needs and future directions in such topics as early identification, diagnostic techniques, remediation, severe reading disabilities, linguistics, learning modalities and others. **Prerequisite:** Education 522. **Three hours per week.**

**524. PRODUCTION OF MEDIATED INSTRUCTIONAL ACTIVITY PACKAGES**  
**3 hours credit**

This course is designed to enable students to design and produce mediated instructional activities; emphasis includes individualizing and packaging those materials. **Prerequisites:** Education 407 or equivalent, Education 502 and consent of instructor.

**525. ADVANCED MEDIA PRODUCTION**  
**3 hours credit**

A course designed to enable advanced students to design and produce high level media productions; emphasis includes the specifics of preproduction, as well as production procedures and techniques. May be taken twice under different course subtitles recorded with the registrar. **Prerequisites:** A 400-level course in the area of the student's project, Education 502 and consent of instructor.

**526. SEMINAR: MEDIA, TECHNOLOGY AND INSTRUCTIONAL SYSTEMS**  
**3 hours credit**

A seminar designed to: (1) acquaint students with the dynamics of media, technology and instructional systems via required outside readings and in-class discussions; and (2) involve students in an in-depth investigation of a pertinent topic selected in consultation with the instructor. Paper required. **Prerequisites:** Education 407 or equivalent, Education 502 and consent of instructor. **Three hours per week.**

**530. DIRECTED RESEARCH**  
**3 hours credit**

Preparation of optional research project in master's degree program, under direction of departmental supervision.

**532. MEASUREMENT AND EVALUATION**  
**3 hours credit**

A study of the purposes and procedures of measuring and evaluating characteristics of students (e.g., achievement), with particular emphasis on classroom decision-making in terms of instructional objectives and teacher-constructed tests. **Three hours per week.**

**535. THE ROLE OF THE SUPERVISING TEACHER**  
**3 hours credit**

A study of recent trends in teaching and supervising student teachers. Emphasis is given to evaluating the total teaching-learning situation and to organizing and planning the instructional program. **Three hours per week.**

**536. CREATIVITY IN EARLY CHILDHOOD EDUCATION**  
**3 hours credit**

An in-depth study of the creative process and the techniques that will promote creativity. **Prerequisite:** Education 446. **Three hours per week.**

**537. SEMINAR IN EARLY CHILDHOOD EDUCATION**  
**3 hours credit**

Critical evaluation of developments occurring in early childhood education, as well as antecedents of modern practices. Review of pertinent research influencing shifts in ideas, practices and policies. **Prerequisite:** Education 446. **Three hours per week.**

**540. COUNSELING THEORY AND PRACTICE**  
**3 hours credit**

Introduction to the theories and techniques of counseling applicable to the counselor's work in the public school. Students will become familiar with current personality theories as applied to counseling. Techniques of conducting interviews are included. **Prerequisite:** Basic guidance course. **Three hours per week.**

**541. GUIDANCE TECHNIQUES IN ELEMENTARY SCHOOL**  
**3 hours credit**

A study of the role of the guidance specialist



in the elementary school. Emphasis on current approaches to providing pupil personnel services for children from kindergarten through grade six. For teachers, supervisors and potential counselors. **Prerequisite:** Introductory guidance course. **Three hours per week.**

**542. GUIDANCE TECHNIQUES IN SECONDARY SCHOOL**  
3 hours credit

A study of the role of the guidance specialist in the secondary school. Emphasis on current approaches to providing personal, educational and vocational guidance to youths in grades 7-12. For teachers, supervisors and potential counselors. **Prerequisite:** An introductory guidance course. **Three hours per week.**

**543. SUPERVISED PRACTICUM IN GUIDANCE**  
3 hours credit

Participation in a guidance program at the grade level of interest to the student counselor. Regular conferences with the counseling supervisor are held. Critiques of tape recorded interviews are made. **Prerequisites:** Teaching experience, at least nine hours of guidance related coursework including counseling theory and practice, and consent of the instructor.

**545. LEARNING AND INSTRUCTION IN THE SCHOOLS**  
3 hours credit

The identification of classroom problems and issues related to and involving instruction; the development and application of strategies to aid in resolving issues and solving problems; and the coordination of student characteristics and environmental factors to improve the quality of learning experiences in the schools. **Three hours per week.**

**547. MASTERY TEACHING**  
3 hours credit

An exploration of various principles of instruction which have been determined to be especially effective. This course will focus on the principles of "Mastery Teaching," especially as developed and field-tested by Dr. Madeline Hunter of UCLA. **Prerequisite:** Education 300 or equivalent. **Three hours per week.**

**584. GROUP DYNAMICS IN CLASSROOM SETTINGS**  
3 hours credit

Designed to aid educators in working effectively with groups in school settings. The laboratory method will be used to provide experience-based learning about group processes. Recent research on group dynamics and its application in school settings will be considered. A major emphasis will be placed on the acquisition of skills and strategies in developing effective classroom groups. These skills are particularly helpful in situations where

students are being mainstreamed. **Three hours per week.**

**590. SEMINAR IN EDUCATION**  
3 hours credit

A course in which topics will vary from semester to semester. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

**591. DIRECTED INDEPENDENT STUDY**  
Variable 1-3 hours

Designed to permit self-study of problems not considered in other courses. This course may be taken twice under different course subtitles. **Prerequisites:** Approval of course instructor and department chair.

**598. COUNSELING WITH MINORITY GROUPS**  
3 hours credit

A seminar-workshop course designed to focus attention on philosophy and method in dealing with the current social problems of race, religion and the disadvantaged in the public schools. **Prerequisite:** Teaching experience.

**English**

**405. MAJOR FILM DIRECTORS**  
3 hours credit

Intensive study of individual American and foreign *auteur* directors, singly or in groups. Focus primarily on those artists who write their own screenplays as well as direct their own films. May be repeated twice if different directors are studied. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

**411. CHAUCER (Author)**  
3 hours credit

Chaucer's major works with emphasis on *The Canterbury Tales*. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**412. MILTON (Author)**  
3 hours credit

The sonnets, companion poems, essays and drama, emphasis on *Paradise Lost*. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**414. ELIZABETHAN AND JACOBAN LITERATURE (Period)**  
3 hours credit

A study of major British literature, exclusive of Shakespeare, from 1500 to 1660. Authors include Sidney, Spenser, Donne and Milton. Gen-

eral Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**419. SHAKESPEARE (Author)**  
3 hours credit

A study of the major comedies and histories with an emphasis on the tragedies. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**420. RESTORATION AND 18TH CENTURY LITERATURE (Period)**  
3 hours credit

A study of British literature from 1660 through the 18th century. Writers usually studied are Rochester, Dryden, Defoe, Swift, Pope, Johnson, Boswell and Goldsmith. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**421. ROMANTIC LITERATURE (Period)**  
3 hours credit

A study of British poetry and aesthetics from the French Revolution through the first third of the 19th century. The primary readings are from Blake, Wordsworth, Coleridge, Byron, Shelley and Keats. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**425. VICTORIAN LITERATURE (Period)**  
3 hours credit

A study of major British literature during the reign of Queen Victoria. Writers studied may include Tennyson, Browning, Arnold, Carlyle, Newman and Ruskin. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**426. COLONIAL AMERICAN LITERATURE (Period)**  
3 hours credit

A study of American literature prior to 1820. Writers studied may include Bradford, Bradstreet, Taylor, Edwards, Franklin, Irving and Cooper. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**427. THE AMERICAN RENAISSANCE (Period)**  
3 hours credit

A study of the Transcendental Movement and literature between 1830-1870. Emphasis on the works of Emerson, Thoreau, Hawthorne, Melville, Whitman and Dickinson. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**428. AMERICAN SOUTHERN RENAISSANCE 1930-1970**  
3 hours credit

A study of fiction produced in the South bet-

ween 1930 and 1970. Writers may include Glasgow, Faulkner, O'Connor, Welty, Porter, Warren, Percy, Capote, Taylor Grau, Styron and Young. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**431. A SURVEY OF MODERN GRAMMARS**  
3 hours credit

An historical approach to the descriptions of language: the traditional, the structural, the transformational, and the tagmemic. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

**433. LANGUAGE AND CULTURE**  
3 hours credit

A linguistic approach to the peculiar relationship between a language and the cultural total of which the language is a part. Educational, political and economic implications. Not acceptable for General Education credit. **Prerequisite:** English 102. **Three hours per week.**

**435. VARIETIES IN LANGUAGE**  
3 hours credit

A study of speech variation of people according to geographical area, socio-economic-education level, level for formality, age, sex, and occupation. Emphasis on Eastern Shore patterns of speech. Field methods are used. Not acceptable for General Education credit. **Prerequisite:** English 110 or the consent of instructor. **Three hours per week.**

**437. HISTORY OF THE ENGLISH LANGUAGE**  
3 hours credit

The development of modern English: the internal changes in pronunciation, structure, vocabulary and usage with reference to the external history. Not acceptable for General Education credit. **Prerequisite:** English 110 or consent of instructor. **Three hours per week.**

**439. SECOND LANGUAGE/DIALECT LEARNING**  
3 hours credit

Approaches to second language and dialect learning; teaching English to speakers of other languages; the question of standard English as a second dialect. Not acceptable for General Education credit. **Prerequisite:** English 110 or 431, or consent of instructor. **Three hours per week.**

**442. PRACTICUM IN ENGLISH**  
1-3 hours credit

Under close supervision of a master teacher, an advanced student in an English option interns as



a teaching assistant in a lower division course in that option. **Prerequisite:** Nine hours of graduate course work and approval of the director of the English Graduate Program. **Variable hours per week.**

**450. PHILOSOPHICAL CONCEPTS IN LITERATURE**  
3 hours credit

An examination of a philosophical theme, such as existentialism or tragedy, as reflected in literature. General Education literature credit. **Prerequisite:** English 102 and a philosophy course, or consent of instructor. Can be repeated for credit with different themes. **Three hours per week.**

**453. MODERN POETRY (Genre)**  
3 hours credit

A study of British and American poetry from Yeats through World War II. Poets include Hopkins, Yeats, Eliot, Pound, Frost, Williams, Robinson, Crane, Stevens, Auden and Dylan Thomas. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**457. AMERICAN NOVEL I (Genre)**  
3 hours credit

A study of major American novels through World War I. Writers studied may include Hawthorne, Crane, Melville, James and Twain. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**458. AMERICAN NOVEL II (Genre)**  
3 hours credit

A study of major American novels between World War I and World War II. Writers studied may include Fitzgerald, Hemingway, Steinbeck, Faulkner and Lewis. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**459. CONTEMPORARY LITERATURE (Period)**  
3 hours credit

A study of selected literature from 1945 to the present. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**460. BRITISH NOVEL I (Genre)**  
3 hours credit

A study of the British novel through the 18th century. Novelists studied include Defoe, Richardson, Fielding, Sterne, Smollet and Austen. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**462. BRITISH NOVEL II (Genre)**  
3 hours credit

A study of the British novel of the 19th and early 20th centuries, with works chosen from the writings of Austen, Dickens, Thackeray, Trollope, Hardy, Conrad, D. H. Lawrence and Virginia Woolf. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**463. LITERARY ANALYSIS**  
3 hours credit

Analytical approaches to literature designed to teach teachers and prospective teachers the traditional, formal, psychological, mythological and exponential analyses of narrative fiction, drama, and poetry as applied to the various genres. General Education literature credit. **Prerequisite:** English 102. **Three hours per week.**

**465. RESEARCH IN COMPOSITION**  
3 hours credit

This course, primarily for teachers of composition, is designed to explore the current theoretical literature on the writing process. Topics include: concerns about audience; purpose; heuristics for invention; and questions of arrangement, style, grammar, mechanics, and revision. Not acceptable for General Education credit. Previous title "Writing for Teachers." **Prerequisite:** C or better in English 102. **Three hours per week.**

**471. TEACHING CREATIVE WRITING**  
3 hours credit

Reading and analyses of contemporary poetry and prose, writing of poetry and prose, developing of critical faculties in a workshop format, and developing and discussing of teaching methods. Intended for teachers and education majors. Not acceptable for General Education credit. **Three hours per week.**

**490. TOPICS IN ENGLISH**  
3 hours credit

Intensive study of a literary genre, figure or period; or intensive study in language, writing or film. May be repeated for credit in different areas of study. Literature courses bear General Education credit. **Prerequisite:** English 102 or consent of instructor.

**500. SEMINAR: MAJOR AMERICAN WRITERS OF THE 19TH CENTURY**  
3 hours credit

A thorough study of the works of two writers from among Emerson, Thoreau, Hawthorne, Melville, Whitman, Twain, James and Crane. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**501. SEMINAR: MAJOR AMERICAN WRITERS OF THE 20TH CENTURY**  
3 hours credit

A thorough study of the works of two writers from among Frost, Eliot, Fitzgerald, O'Neill, Faulkner, Hemingway, Steinbeck and Williams. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**502. SEMINAR IN ENGLISH LITERATURE I**  
3 hours credit

A study of selected topics in English literature from the beginnings to 1660. From time to time the course will concern itself with major authors, genres and literary themes. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**503. SEMINAR IN ENGLISH LITERATURE II**  
3 hours credit

A study of selected topics in English literature from the Restoration and Romantic period. From time to time the course will concern itself with major authors, genres and literary themes. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**504. SEMINAR IN ENGLISH LITERATURE III**  
3 hours credit

A study in selected topics in English literature of the Victorian and modern periods. From time to time the course will concern itself with major authors, genres and literary topics. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**508. CONTEMPORARY LITERATURE**  
3 hours credit

A study of selected contemporary work exemplary of the character of contemporary writing. Reading is done in the novel, drama, the short story and poetry. This course may be repeated under different course subtitles recorded with the registrar. **Three hours per week.**

**509. SEMINAR IN LANGUAGE STUDY**  
3 hours credit

A study of selected topics in language and linguistics. The course focuses in different semesters on such topics as the new English, descriptive or historical linguistics, morphology-syntax, or phonetics and phonemics, teaching standard English to speakers of other languages or to speakers of other dialects. This course may be repeated under different course subtitles recorded with the

registrar. **Prerequisite:** English 110 or 431 or consent of instructor. **Three hours per week.**

**530. DIRECTED RESEARCH**  
3 hours credit

Preparation of optional research project in master's degree program under department supervision.

**531. THESIS**  
3 hours credit

**French**

**401. ADVANCED COMPOSITION AND MORPHOLOGY**  
3 hours credit

A course designed to bring together on an intense advanced level all the principles of morphology, syntax, sentence development and sentence structure through translation and advanced composition. **Prerequisite:** French 211. **Three hours per week.**

**402. ADVANCED CONVERSATION**  
3 hours credit

A course designed to provide greater flexibility in the spoken language by intense oral practice to correct the defects of pronunciation and diction. **Prerequisite:** French 220 or consent of department chairman. **Three hours per week.**

**405. SPECIAL PROBLEMS IN FRENCH**

Individual study of special areas in French linguistics or in French literature with the advice and direction from a member of the department. **Three hours per week.**

**411. MEDIEVAL AND RENAISSANCE THOUGHT IN FRENCH LITERATURE**  
3 hours credit

A study of the major phenomena of French literary history from its dawning in 843 to the negative implication in the term "Dark Ages," through to the optimism of the early Renaissance in Rabelais to its decline in Montaigne. **Three hours per week.**

**412. CLASSICAL PERIOD AND THE "AGE OF REASON"**  
3 hours credit

A study of the principal classical themes found in the works of Corneille, Racine, Moliere, La Fontaine, LaBruyere, LaRocheffoucauld and Montesquieu, Voltaire, Diderot and Rousseau. **Prerequisite:** French 320 or 321 or consent of department chair. **Three hours per week.**



#### 415. ROMANTICISM, REALISM, AND NATURALISM

3 hours credit

A study of the development of romanticism from Chateaubriand to Victor Hugo as well as a detailed study of the terms "romanticism," "realism" and "naturalism" and their effect on the 19th century as seen through representative works of Stendhal, Flaubert, Balzac and Zola. **Prerequisite:** French 320 or 321 or consent of department chair. **Three hours per week.**

#### 416. CONTEMPORARY FRENCH LITERATURE

3 hours credit

A study of contemporary ideologies and underlying currents of symbolism, surrealism, existentialism and the "nouveau roman" through representative works of Camus, Sartre, Appolinaire and Cocteau (prose and drama) and of Proust, Gide, Butor and Robbe-Grillet. **Prerequisite:** French 320 or 321 or consent of department chair. **Three hours per week.**

### Geography and Regional Planning

#### 404. RURAL SETTLEMENT AND LAND USE

3 hours credit

Analysis of the economic, demographic and spatial patterns of the rural United States. Special attention is given to the problems and *potentialities* of nonmetropolitan areas and to land use planning. **Prerequisite:** GEOG 203 or consent of instructor. **Three hours per week.**

#### 405. URBAN GEOGRAPHY

3 hours credit

An analysis of the spatial distribution of urban settlements, their internal structure and characteristics. Emphasis is placed on the development of theoretical concepts and general principles. Special attention is given to contemporary urban problems. **Prerequisite:** GEOG 203 or consent of instructor. **Three hours per week.**

#### 406. REGIONAL PLANNING

3 hours credit

An analysis of the spatial incidence of economic growth. Emphasis is placed on the spatial dimension as an important consideration in the theory and practice of economic development planning. **Prerequisite:** GEOG 203 or consent of instructor. **Three hours per week.**

#### 407. INDUSTRIAL LOCATION

3 hours credit

An analysis of the major factors influencing

industrial location decisions and the spatial arrangement of industrial activity. Emphasis is on the development of theoretical concepts and general principles. Some attention is given to regional and city industrial development planning. **Prerequisite:** GEOG 203 or consent of instructor. **Three hours per week.**

#### 408. URBAN PLANNING

3 hours credit

An examination of theories and policies related to urban development and land use planning, along with techniques for evaluation. An assessment of the urban planning process with case studies. **Prerequisite:** GEOG 208 or consent of instructor. **Three hours per week.**

#### 410. METEOROLOGY

3 hours credit

An analysis of the physical processes and dynamics of the atmosphere. Topics include air pollution meteorology, weather map and radar interpretation, and forecasting. **Prerequisite:** GEOG 201 or consent of instructor. **Two hours lecture and one two-hour laboratory per week.**

#### 411. GEOMORPHOLOGY

3 hours credit

This course deals with landform analysis. Study of agents of erosion and deposition—water, wind and ice, and of the internal forces which leave visible evidence on the earth's surface. **Prerequisite:** GEOL 103 or consent of instructor. **Four hours per week, and four one-day and one three-day field trips.**

#### 413. APPLIED CLIMATOLOGY

3 hours credit

An analysis of global energy/water budgets and climatic classifications. Emphasis is on the application of energy and water balance principles to problems in agriculture, architecture, industry and commerce, and health. **Prerequisite:** GEOG 201 or consent of instructor. **Three hours per week.**

#### 415. SELECTED PROBLEMS

3 hours credit

Independent study designed to permit research or in-depth work on a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles. Intended for seniors with 18 or more hours in geography. **Prerequisite:** Consent of department review committee.

#### 422. READINGS IN GEOGRAPHY

3 hours credit

Readings designed to permit in-depth study of

a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles. Intended for seniors with 18 or more hours in geography. **Prerequisite:** Consent of department review committee.

#### 450. TOPICS IN GEOGRAPHY

3 hours credit

An analysis of selected systematic and/or regional topics. A single theme will be considered and will be entered on the student's transcript. May be taken three times for credit under different subtitles. **Prerequisite:** Consent of instructor. **Three hours per week.**

#### 475. FIELD PROBLEMS IN GEOGRAPHY

3 - 6 hours credit

A geographic research field experience. Development of a research proposal, data collection and analysis, and the integration of such in a formal research paper. **Prerequisite:** Consent of instructor.

#### 504. SEMINAR: PHYSICAL GEOGRAPHY

3 hours credit

A seminar dealing with current problems in the areas of meteorology, climatology, soils, geomorphology and vegetation. Topics selected with consent of instructor. May be taken twice for credit under different subtitles recorded with the registrar. **Prerequisite:** 400-level physical geography course or consent of instructor. **Three hours per week.**

#### 506. SEMINAR IN REGIONAL GEOGRAPHY

3 hours credit

An analysis of selected topics on the physical and/or human geography of specified geographic regions. The region under consideration varies from semester to semester. Topics chosen with the consent of the instructor. May be taken twice for credit under different subtitles recorded with the registrar. **Prerequisite:** 300-level regional geography course.

#### 530. DIRECTED RESEARCH

3 hours credit

Preparation of optional research project in master's degree program under departmental direction.

### Health

#### 401. COMMUNITY HEALTH

3 hours credit

A study of the factors involved in improving public health, including a survey of community health problems and resources, and the role of the

teacher in community health. **Three hours per week.**

#### 410. STRESS AND STRESS MANAGEMENT

3 hours credit

A study of the nature of the stress response and the practical application of stress management techniques. Major topics include: the psychophysiology of stress; the role of stress in disease; cognitive reappraisal; and relaxation training. Useful for personal growth and professional application. **Prerequisites:** Biology 215, 216. **Three hours per week.**

### History

#### 400. HISTORY OF MARYLAND

3 hours credit

A study of Maryland history and government from the Colonial period to the present. The course places special stress on the leaders, institutions and contributions made in Maryland and by Maryland to the nation. **Three hours per week.**

#### 401. AMERICAN DIPLOMACY

3 hours credit

An historical study of the foreign relations of the United States and the resultant diplomatic negotiations from 1776 to the present. **Three hours per week.**

#### 405. THE UNITED STATES IN THE 20TH CENTURY I

3 hours credit

Populism to 1932. A study of the political, economic, intellectual and social problems attending America's rise to world power later in the 19th century, her involvement in World War I, the changes attending that conflict and the problems of the 1920s. **Three hours per week.**

#### 406. THE UNITED STATES IN THE 20TH CENTURY II

3 hours credit

F.D. Roosevelt to the present. A study of the efforts of the United States to resolve the complex problems of the 1930s intensified by the Great Depression, its involvement in World War II and struggles to maintain peace in the postwar world. **Three hours per week.**

#### 407. THE WESTWARD MOVEMENT

3 hours credit

A study of the Westward Movement from the Atlantic to the Trans-Allegheny and Trans-Mississippi West, with emphasis upon the influence of the frontiers in shaping American civilization. **Three hours per week.**



**408. HISTORY OF THE SOUTH**  
3 hours credit

A history of the South from the Colonial period to the present, covering developments in politics, economics, culture and society. **Three hours per week.**

**409. RECENT TRENDS AND DEVELOPMENT IN LATIN AMERICA**  
3 hours credit

An examination of the important political, economic and military changes in Latin America, particularly those of the 20th century. **Three hours per week.**

**411. PROBLEMS IN LATIN AMERICAN HISTORY**  
3 hours credit

Readings, reports and discussion of historical problems of Latin American development. **Three hours per week.**

**412. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I (1600-1875)**  
3 hours credit

(See course description of History 413.)

**413. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES II (1876 to present)**  
3 hours credit

These courses are a study of American thought as reflected by the people and leaders. The development of American heritage is covered from the Colonial period to the present, with emphasis upon the intellectual, social, religious and economic movements. The first course covers the Colonial period to Reconstruction and the second course from about 1876 to present. **Three hours per week.**

**417. HISTORY OF SCIENCE AND TECHNOLOGY**  
3 hours credit

A survey of the evolution of scientific achievements and technology in the Western world, with particular emphasis on the cultural, economic and social implication of these developments. **Prerequisites:** History 101, 102. **Three hours per week.**

**421. EUROPE IN THE 20TH CENTURY WORLD**  
3 hours credit

A study of economic, social, intellectual and political development of Europe viewed in the context of world wars, depression and conflicting

political ideologies, showing the decline of European dominance and the rise of America and Asia. **Prerequisites:** History 101, 102. **Three hours per week.**

**423. RUSSIA: RISE TO IMPERIAL POWER**  
3 hours credit

A study of Russia from its Kievan origins, its medieval growth and consolidation, to the empire inherited by Nicholas I; emphasis on the social, economic and political developments. **Prerequisites:** History 101, 102. **Three hours per week.**

**424. MODERN RUSSIA**  
3 hours credit

A survey of the growth of a modern, industrialized, bureaucratic state, from the reign of Nicholas I to the present, with emphasis on the social, economic and political forces which have shaped the Soviet Union of today. **Prerequisites:** History 101, 102. **Three hours per week.**

**426. HISTORY OF SOUTHERN ASIA**  
3 hours credit

A study of the Indian sub-continent and adjacent regions, their social development, the evolution of Hinduism and Buddhism, the Islamic, Mongol, and British conquests, the rise of nationalism and the status of the region today. **Prerequisites:** History 101, 102. **Three hours per week.**

**430. READINGS IN HISTORY**  
3 hours credit

A readings course in history for students who have achieved above average in at least 18 hours of history courses. This course may be taken twice under different course titles recorded with the registrar. **Three hours per week.**

**437. HISTORY OF EUROPEAN IDEAS**  
3 hours credit

A survey of the Western intellectual tradition, beginning with its heritage from the ancient world, and emphasizing the main currents of European thought from the Middle Ages to the present. Particular emphasis will be placed on the rise of a spirit of free inquiry, the development of a scientific attitude and the growth of a distinct intellectual class. **Prerequisites:** History 101, 102. **Three hours per week.**

**440. MINORITY GROUPS IN UNITED STATES HISTORY**  
3 hours credit

Attention is given to the role and contribution of minority groups in general, with special emphasis on some of the larger and older minority groups. **Three hours per week.**

**445. BLACK AMERICAN HISTORY**  
3 hours credit

A study of the life and role of the black American from the Colonial period to the present. **Three hours per week.**

**450. SELECTED PROBLEMS IN EUROPEAN THOUGHT AND CULTURE, 1700-1840**  
3 hours credit

Readings and discussion in this course will focus on intellectual currents in England, France and Germany in the 18th and early 19th centuries. Works of contemporary writers will be examined in the context of social and political developments. **Prerequisites:** History 101, 102. **Three hours per week.**

**460. HISTORY OF CHINA SINCE 1800**  
3 hours credit

The revolutionary transformation of China from the 19th century to the present, with emphasis on the impact of imperialism, the profound effects of western technology and foreign policy wrought by the history of her relations with the west. **Prerequisite:** History 101, 102. **Three hours per week.**

**470. HISTORY OF THE EARLY ROMAN EMPIRE**  
3 hours credit

An intense study of particular institutions and movements in Roman history. Emphasis on family history and social and religious trends during the early imperial period of Roman history. **Prerequisites:** History 101, 102. **Three hours per week.**

**472. STUDIES IN CLASSICAL ARCHAEOLOGY**  
3 hours credit

Assorted topics and archaeological sites of the ancient Mediterranean world (Crete, Greece and Italy) will be examined. Course may be taken twice under different subtitles. **Prerequisites:** History 101, 102. **Three hours per week.**

**474. HISTORY OF ANCIENT EGYPT**  
3 hours credit

An intensive study of three eras of Egyptian history: the pyramid age, the chaotic middle kingdom and New Kingdom Absolutism. Emphasis on cultural, religious and artistic contributions. **Prerequisite:** History 101. **Three hours per week.**

**480. MUSEUM STUDIES**  
3 hours credit

The course is designed as a work experience which invites students to learn techniques of museology. The student will work in cooperation with various local or regional museums. The learning experience will take place under the supervision and direction of a museum curator. May be repeated once.

**490. STUDIES IN HISTORY**  
3 hours credit

An intensive historical study of particular periods, groups, economics, and intellectual, cultural and social movements and/or institutions. This course may be taken twice under different course titles recorded with the registrar.

**502. SEMINAR: COLONIAL AND REVOLUTIONARY AMERICA**  
3 hours credit

A study of Colonial institutions and the American Revolutionary movement. Emphasis is placed upon the study of specific topics through individual research projects. This course may be taken twice, under different course subtitles recorded with the registrar. **Three hours per week.**

**503. SEMINAR IN 19TH CENTURY AMERICA**  
3 hours credit

This seminar offers an opportunity to the student to explore in-depth 19th century American society, via themes selected by the instructor. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**504. SEMINAR IN EUROPEAN HISTORY**  
3 hours credit

A seminar designed to enable the student to explore, through intensive research, basic problems in European history. The period or topics to be studied will be selected by the instructor. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**505. SEMINAR: MARYLAND HISTORY**  
3 hours credit

A seminar designed to acquaint students, through readings and research, with some of the major problems and developments in the history of Maryland. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**506. SEMINAR IN 20TH CENTURY AMERICA**  
3 hours credit

A seminar enabling the student to intensively



explore specific periods and/or problems in this century through individual research. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**508. SEMINAR IN AMERICAN DIPLOMACY**  
3 hours credit

A seminar permitting students to investigate, through reading and research, selected problems in the history of American diplomacy. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**510. SEMINAR IN LATIN AMERICAN HISTORY**  
3 hours credit

An intensive study of major institutions and specific periods in Latin America through reading and research. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

**512. READING SEMINAR**  
3 hours credit

An extensive-intensive directed readings course on a topic selected by the instructor. It is intended to be an in-depth survey of a specific topic, as well as preparation for the written and oral examinations for the M.A. **Three hours per week.**

**530. DIRECTED RESEARCH**  
3 hours credit

Preparation of optional research project in master's degree program under direction of departmental supervision. **Three hours per week.**

**531. THESIS**  
3 hours credit

## Mathematical Sciences

**402. THEORY OF NUMBERS**  
3 hours credit

Basic concepts: integers, prime numbers, divisibility, congruences and residues. **Prerequisite:** Math 201. **Three hours per week.**

**406. GEOMETRIC STRUCTURES**  
3 hours credit

An axiomatic development of incidence, ordered incidence, affine and absolute geometries; investigation of Euclidean and non-Euclidean geometries. **Prerequisite:** Math 201. **Three hours per week.**

**413. MATHEMATICAL STATISTICS I**  
3 hours credit

Axioms and algebra of probability, discrete and continuous random variables and their probability distribution, multivariate distributions and limit theorems. **Prerequisite:** Math 310. **Three hours per week.**

**414. MATHEMATICAL STATISTICS II**  
3 hours credit

Methods of estimating, properties of estimators, hypothesis testing, linear models, least squares, analysis of variance, enumerative data and non-parametric statistics. **Prerequisite:** Math 413. **Three hours per week.**

**441. ABSTRACT ALGEBRA**  
3 hours credit

An introduction to the theory of groups, rings, integral domains and fields, including basic properties of polynomials. **Prerequisite:** Math 306 or 310. **Three hours per week.**

**451. ANALYSIS I**  
3 hours credit

Modern abstract analysis including such topics as topology of the real number system, sequences, continuity and differentiability. **Prerequisite:** Math 310. **Three hours per week.**

**465. MATHEMATICAL MODELS AND APPLICATIONS**  
3 hours credit

Mathematical basis for model building; examples of simple models for uncomplicated systems in biology, psychology, business and other fields, finite markov processes; models for growth processes. **Prerequisites:** Math 306. **Three hours per week.**

**471. NUMERICAL ANALYSIS**  
3 hours credit

Such topics as interpolation, functional approximation, numerical differentiation and integration, non-linear equations, systems of linear equations and analysis of error. **Prerequisites:** Math 311 and programming experience. **Three hours credit.**

**480. HISTORY OF MATHEMATICS**  
3 hours credit

A study of the chronological development of mathematics, with emphasis on both the mathematical concepts and the principal contributors to the development of those concepts. **Prerequisite:** Math 402, or 406, or 441. **Three hours per week.**

**490. SPECIAL TOPICS**  
3 hours credit

For the student who wishes to study in certain specialized areas such as functional analysis, multivariate statistics or artificial intelligence. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisites:** (For most topics) Math 306 and 310. **Three hours per week.**

**500. FOUNDATIONS OF NUMBER THEORY**  
3 hours credit

Designed for teachers of arithmetic, with emphasis on the development of the real number system in Elementary Number Theory. **Prerequisite:** One course in college mathematics or consent of instructor. **Three hours per week.**

**502. APPLIED STATISTICS**  
3 hours credit

The use of linear models in the analysis of data, starting with simple models and going to more complex models. Special attention will be given to the use and abuse of these models by researchers. **Prerequisite:** A course in statistics (Math 113 or 114). **Three hours per week.**

**506. SELECTED TOPICS**  
3 hours credit

Designed for students with a major in mathematics to develop topics in mathematics not included in the undergraduate program, or to extend areas previously studied. **Prerequisite:** Approval of the department.

**507. SEMINAR: ALGEBRA**  
3 hours credit

A seminar dealing with selected topics from linear and abstract algebra. A seminar paper is required. **Prerequisite:** Approval of the department.

**530. DIRECTED RESEARCH**  
3 hours credit

Preparation of optional research project in Master of Education program under departmental supervision.

**590. SPECIAL PROBLEMS IN MATHEMATICS**  
3 hours credit

Individually designed programs including summer workshops and special seminars. Specific topic will be indicated on transcript. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

## Music

**400. RENAISSANCE AND BAROQUE MUSICAL STYLES**  
3 hours credit

Philosophy, musical forms and styles of the period 1500-1750, study of representative vocal and instrumental music by outstanding composers of the period. **Prerequisite:** Music 104 or approval of department chair. **Three hours per week.**

**401. MUSICAL STYLES OF THE 18TH AND 19TH CENTURIES**  
3 hours credit

Philosophy, musical forms and styles of the period 1750-1900, study of representative vocal and instrumental music by outstanding composers of the period. **Prerequisite:** Music 104 or approval of department chair. **Three hours per week.**

**403. PIANO HISTORY AND LITERATURE**  
3 hours credit

A comprehensive study of the piano and its predecessors, the course traces the history of keyboard instruments, emphasizing the ways in which the development of the instruments affected keyboard literature and performance practices. This course includes familiarization with the principal keyboard composers, performers and instrument makers from earliest times to the present. **Prerequisite:** Music 200 or 110 or 104 or approval of instructor.

**406. INTRODUCTION TO ELECTRONIC MUSIC**  
3 hours credit

Music synthesis is approached through reading, listening, analysis and studio experience. **Prerequisite:** Music 112 or permission of instructor. **Three hours per week.**

**408. MODERN MUSIC**  
3 hours credit

Emergence of new developments from late romantic music through serial and electronic music, including influences of jazz and considering the effects of social forces and current world events. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

**409. INTRODUCTION TO ETHNOMUSICOLOGY**  
3 hours credit

The study of music of world cultures not associated with the traditional study of Western art music, with emphasis on the musics of Eastern Europe, the Near, Middle and Far East, Africa, the Pacific Islands and native America. **Prerequisite:**



ites: Music 104 or 110 and 200 or approval of instructor. **Three hours per week.**

**410. CHURCH MUSIC** **3 hours credit**

Designed for the practicing or potential church musician. A practical course dealing with all aspects of the church music program. **Prerequisite:** Approval of the instructor. **Three hours per week.**

**411, 412. APPLIED MUSIC I AND II** **3 hours credit**

An advanced course in performance technique using a wide variety of literature. A solo recital (alone, or sharing a program with other students) encompassing music of many styles and periods is a required culmination. Students will elect one performing medium (piano or voice or organ or other instrument) and must have completed the fourth course in the sequence for that instrument as a prerequisite. Each course may be repeated for credit once. **Three hours per week and a minimum of 12 individual practice hours per week.**

**416. AMERICAN MUSIC** **3 hours credit**

Analysis of musical forces and styles as they reflect the nation's development and America's unique contributions to the growth of music as an art form. **Prerequisite:** Music 104 or equivalent. **Three hours per week.**

**426. ARRANGING FOR VOICES AND INSTRUMENTS** **3 hours credit**

Fundamental techniques of scoring for various acappella and accompanied voice combinations, scoring for orchestra, band and various instrumental combinations, special characteristics of each choir of instruments, range of voices, selection of suitable literature for treatment in different ensembles, with consideration of style. **Prerequisites:** Theory IV (or concurrent registration with Theory IV). **Three hours per week.**

**429. MUSIC CONCEPTS FOR EARLY CHILDHOOD** **3 hours credit**

Melodic and rhythmic elements within the cognitive, physical and aural capabilities of young children (nursery school through primary grades); use of simple creative application to reinforce music concepts. **Prerequisite:** Music 200 or approval of instructor. **Three hours per week.**

**430. MUSIC CONCEPTS FOR ELEMENTARY SCHOOL** **3 hours credit**

Development of musical skills, with emphasis on part-singing, piano accompaniments, combined rhythms, conducting skills and creative application of these skills appropriate for the elementary school. **Prerequisite:** Music 200 or consent of the instructor. **Three hours per week.**

**431. MUSIC CONCEPTS IN SECONDARY SCHOOL GENERAL MUSIC** **3 hours credit**

Selection and application of appropriate materials and techniques to develop musical concepts, skills, knowledge, judgment and discrimination in adolescents. **Prerequisite:** Music 200 or consent of instructor. **Three hours per week.**

**435. CHORAL LITERATURE** **3 hours credit**

Class investigation and evaluation of choral music for all voice combinations appropriate for elementary through senior high school and adult ensembles. **Three hours per week.**

**440. MODERN MARCHING BAND: TECHNIQUES AND MATERIALS** **3 hours credit**

A detailed work survey of traditional marching band styles and their adaptation to current trends. **Prerequisite:** Approval of the instructor. **Three hours per week.**

**441. INSTRUMENTAL LITERATURE** **3 hours credit**

Class investigation and evaluation of new methods and materials for bands, orchestras and instrumental ensembles. **Prerequisite:** Approval of the instructor. **Three hours per week.**

**450. STUDIES IN MUSIC** **3 hours credit**

Study of a single composer of musical form or performance medium or technique or topic in music education. The topic will differ from semester to semester. This course may be taken twice under different course subtitles recorded with the registrar. Possible prerequisite(s) listed according to topic by semester. **Three hours per week.**

**490. DIRECTED INDEPENDENT STUDY** **Variable 1-3 hours credit**

A tutorial course in any area of music open to senior and graduate students. May include continuation of a skills development program begun in the lower level independent study course; or any type of individual research in music not normally included in courses offered by the department; or individual study of an area needed for teacher certification but not offered by the department in the current semester. Approval in writing of department chair and supervising faculty member prior to registration, with the area of study to be specified in writing. May be repeated for a maximum of six credits, under different course subtitles recorded with the registrar.

ment in the current semester. Approval in writing of department chair and supervising faculty member prior to registration, with the area of study to be specified in writing. May be repeated for a maximum of six credits, under different course subtitles recorded with the registrar.

**500. 20th CENTURY MUSIC** **3 hours credit**

Analysis of the manner in which melody, rhythm, harmony, form and orchestral instruments are used by major modern composers. Political, economic and social forces and current world events are considered for their effects on music of our time. **Three hours per week.**

**505. MUSIC HISTORY AND MUSICAL STYLE** **3 hours credit**

The development of Western musical style is traced from early written records to the present, stressing the continuity of basic musical principles. **Prerequisite:** One course in music history or a stylistic period. **Three hours per week.**

**510. RECENT ISSUES AND TRENDS IN MUSIC EDUCATION** **3 hours credit**

Student researched seminar presentations on pertinent current issues in general, vocal and instrumental music education. The seminar presentations will, through researching current trends, arrive at conclusions compatible with current practices in music education. **Prerequisites:** Education 419 and 429 or equivalent. **Three hours per week.**

**511. ADVANCED APPLIED MUSIC** **3 hours credit**

Individual studio instruction to provide a graduate extension to an undergraduate major performing area. May be repeated for credit, one time only.

**512. ADMINISTRATION AND SUPERVISION IN SCHOOL MUSIC** **3 hours credit**

A course dealing with the need and purpose of supervision in music. Areas of concentration include factors affecting the learning process, curriculum building, fiscal management, evaluation and staff-community relations. **Three hours per week.**

**515. ADVANCED CHORAL CONDUCTING** **3 hours credit**

A course designed for the practicing choral conductor. Includes techniques, stylistic interpretation, repertoire and organizational problem analysis. **Prerequisite:** Music 310 or equivalent. **Five hours per week (three hours lecture and two hours laboratory).**

**520. PHILOSOPHICAL AND PSYCHOLOGICAL PERSPECTIVES IN MUSIC EDUCATION** **3 hours credit**

A review of philosophical tenets and psychological principles as applied to contemporary music education practices, including the standard and recently developed musical aptitude and achievement tests. **Prerequisite:** Graduate status. **Three hours per week.**

**530. DIRECTED RESEARCH IN MUSIC/ MUSIC EDUCATION** **3 hours credit**

Preparation of optional research project in the M.Ed. program under the direction of departmental faculty. **Weekly conference with faculty sponsor.**

**590. DIRECTED INDEPENDENT STUDY** **Variable 1-3 hours credit**

An individual, graduate tutorial course including research topics not covered in available courses. The written specified area of study must have written approval of the department chair and supervising faculty member prior to registration. May be repeated for a maximum of three hours credit under different course subtitles recorded with the registrar.

**Nursing**

**415. SPECIAL TOPICS IN NURSING** **Variable 1-3 hours credit**

Study of a selected area of nursing. Topics may vary from semester to semester. Provides opportunities for curriculum innovation or meeting the special needs or interests of undergraduate and graduate students. May be repeated for credit under different subtitles. One to three hours lecture, zero to two hours lab per week.

**457. CULTURAL CONSIDERATIONS IN NURSING** **2 hours credit**

Provides a basis for application of concepts, theories and methodologies from transcultural nursing to the practice of the health professional. Particular emphasis on the influence of culture on human response to health and illness.

**485. SCHOOL HEALTH** **3 hours credit**

Current issues relevant to the health of school age children and adolescents. Topics include: roles of teachers and health professionals, current health problems, and approaches to specific health problems. This course is intended for students in education and health-related professions. **Prerequisite:**



ites: Psychology 300 or Education 300 or consent of instructor. **Three hours per week.**

**515. EPIDEMIOLOGY** 3 hours credit

Focuses on epidemiologic concepts and the incorporation of empirical epidemiologic data into the advanced application of the nursing process. Emphasis is placed on the study of health problems affecting families in rural settings. **Three hours lecture per week.** May not be taken by students who have taken Nursing 553.

**516. FAMILY NURSING I** 5 hours credit

Explores advanced theoretical and empirical knowledge related to families, with special attention to families in rural settings. Emphasis is placed on incorporation of this knowledge into the advanced application of the nursing process with the rural family as a client to improve family health. **Three hours lecture, six hours clinical practice per week.** May not be taken by students who have taken Nursing 518.

**517. FAMILY NURSING II** 5 hours credit

Continues the exploration of advanced theoretical and empirical knowledge related to families in rural settings with emphasis on the application of research findings. The expanded application of the nursing process focuses on the culture and characteristics of the rural communities in which families live and their influences on health and adaptation. **Prerequisites:** Nursing 515 and 516. **Two hours lecture, nine hours clinical practice per week.** May not be taken by students who have taken Nursing 530.

**525. HEALTH CARE SYSTEMS** 3 hours credit

Explores the structure and functions of the health care system and the legal, ethical and economic forces that impact on it. Emphasis is placed on rural health issues and on the role of the advanced nurse practitioner in analyzing these issues and serving as an advocate for policies which will positively affect the health of rural families. **Three hours lecture per week.** May not be taken by students who have taken Nursing 535.

**538. NURSING THEORIES** 3 hours credit

Examines the nature of concepts, models and theories in the context of scientific development and the historical development of nursing knowledge. A comparative analysis of evolving nursing theories will be made in regard to: meeting criteria

for theory building, major concepts used, theoretical perspectives used, testability and practicality for application with the nursing process in clinical practice, teaching and research. **Three hours lecture per week.** May not be taken by students who have taken Nursing 510.

**544. NURSING RESEARCH DESIGNS** 3 hours credit

Builds upon knowledge of the research process learned at the baccalaureate level. Focuses on the importance of the research process in the development and testing of nursing theory. Emphasis is placed on the role of the advanced nurse practitioner as a consumer and practitioner of nursing research. **Prerequisite:** Math 502. **Three hours lecture per week.** May not be taken by students who have taken Nursing 520.

**545. RESEARCH DEVELOPMENT** 1 hour credit

Provides peer and faculty support for the development of thesis research. **Prerequisites:** Math 502, Nursing 544. **One hour seminar per week.** Must take for three semesters for one credit each semester.

**552. SPECIALIZED ROLES IN NURSING** 2 hours credit

Provides a theoretical base for understanding the structure, functions, and processes of organizations. Emphasis is placed on the commonalities between nursing service administration roles and clinical specialist roles in improving organizational effectiveness and efficiency for the delivery of health care to rural families. **Prerequisite or corequisite:** Nursing 525. **Two hours seminar per week.** May not be taken by students who have taken Nursing 546.

**554. ADMINISTRATION IN NURSING SERVICE** 6 hours credit

Focuses on the independent and interdependent functions of the nursing service administrator at various levels of decision making in an organization. Affords the opportunity to implement leadership strategies in selected clinical settings with a nursing service administrator as mentor. Emphasizes the role of the advanced nurse practitioner as a change agent in planning, implementing and evaluating health care for rural families. **Prerequisites:** Nursing 525, 552; BUAD 535 must be prerequisite or corequisite. **Two hours seminar, 12 hours clinical practicum per week.** May not be taken by students who have taken Nursing 555.

**556. CLINICAL NURSE SPECIALIZATION** 6 hours credit

Focuses on the diverse clinical and organization skills necessary for functioning effectively as a clinical

nurse specialist in family nursing in varied clinical settings of a rural area. Affords the opportunity to gain expertise in conjunction with a qualified advanced nurse clinician role model and to develop in the leadership role as a family advocate and change agent. **Prerequisites:** Nursing 525, 552. **Prerequisite or Corequisite:** Education 509 or Biology 550. **Two hours seminar, 12 hours clinical practicum per week.** May not be taken by students who have taken Nursing 550.

**580. SPECIAL TOPICS IN NURSING** 1-3 hours credit

Intensive study of a selected topic relevant to nursing in rural areas. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisite:** Consent of a graduate nursing program faculty. **One to three hours lecture per week; zero-two hours lab per week.**

**590. THESIS** 1 hour credit

Provides faculty support for completion of the thesis. **Prerequisite:** Completion of all course work. Must register for one credit for each semester working on thesis.

## Philosophy

**402. THE PROBLEM OF GOD** 3 hours credit

This course involves an effort to think through the ultimate questions philosophy asks about God's nature and existence. Attention will be given to a variety of themes, including the relationship between God and nature, the personhood of God, atheism and the meaningfulness of human speech about God. **Prerequisite:** One philosophy course, or consent of instructor. **Three hours per week.**

**403. EXISTENTIALISM** 3 hours credit

A close look at the basic human problems of self, God and others as seen from the existentialist perspective. Major themes of alienation, authenticity, freedom, commitment and dread are traced from their roots in the 19th century philosophies of Kierkegaard and Nietzsche to contemporary expressions by Sartre, Camus, Heidegger and Buber, et al. **Prerequisite:** One philosophy course, or consent of instructor. **Three hours per week.**

**406. PHILOSOPHY OF SCIENCE** 3 hours credit

A critical examination of the philosophical problems common to the natural sciences, such as the nature of scientific laws and theories, and problems involved in scientific explanation. **Prerequisite:** One philosophy course or consent of instructor. **Three hours per week.**

## 450. PHILOSOPHICAL CONCEPTS IN LITERATURE

3 hours credit

This course involves an examination of a philosophical theme (e.g., existentialism, tragedy) as reflected in works of literature. The theme to be treated will vary from offering to offering. This course may be taken twice under different course subtitles recorded with the registrar. **Prerequisite:** English 101, 102 and one philosophy course, or consent of instructor. **Three hours per week.**

## 475. SEMINAR IN PHILOSOPHY

3 hours credit

The content of this course varies from semester to semester. It seeks to offer to advanced students in philosophy an opportunity to research and reflect on an issue or theme more thoroughly and intensely than is possible in an ordinary course. May be repeated for credit with faculty approval. **Prerequisite:** Consent of instructor. **Three hours per week.**

## 490. INDEPENDENT STUDY

Variable 1-3 hours credit

A tutorial course in a specific problem in philosophy, a particular philosopher, or a particular period of philosophy. Open to junior, senior and graduate students, conditional on faculty member's consent. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

## Physical Education

## 406. ADMINISTRATION AND ORGANIZATION

3 hours credit

Problems of administrative structure and procedure, program planning, organization of physical education classes and departments, and organization of athletic programs. **Prerequisite:** Admission to Professional Education Program or equivalent. **Three hours per week.**

## 408. MOVEMENT EDUCATION

3 hours credit

Analysis of the elements of human movement, with practical applications to the teaching of physical education in grades K-12. Methods, materials, historical development, readings and practice. **Prerequisite:** Admission to Professional Education Program or equivalent. **Three hours per week.**

## 413. ADVANCED ATHLETIC TRAINING

3 hours credit

Designed as preparation for advanced knowledge of athletic injuries and prevention, evaluation, treatment and rehabilitation. Twenty-five hours of practical ex-



perience. **Prerequisite:** PE 313 or consent of instructor. **Three hours per week.**

#### 415. CLINICAL ROTATION IN ATHLETIC TRAINING **3 hours credit**

A course designed to expose students to clinical situations which enhance their understanding of the etiologies pertaining to injuries, both athletic and non-athletic. Topics include recognition, treatment, care, and rehabilitation of injuries. **Prerequisites:** PE 313, PE 413, First Aid & Safety Course. **Two hours lecture and seven hours per week.**

#### 451. PSYCHO-SOCIAL ASPECTS OF SPORT **3 hours credit**

The interaction of physical education (sports) with the psychological and sociological development of the individual. **Prerequisite:** PSYCH 210 or consent of instructor. **Three hours per week.**

#### 460. DANCE WORKSHOP **3 hours credit**

Considers practical and technical aspects of all types of dance. Designed for instructors or performers who want to enhance their current capabilities and knowledge. **Prerequisite:** Teaching experience or consent of instructor. **Three hours per week.**

#### 490. SELECTED TOPICS IN PHYSICAL EDUCATION **Variable 1-3 credit hours**

Provides opportunities for short-term needs and interests of students and/or faculty. Affords avenue for curriculum experimentation and innovation at an advanced level. May be taken for a maximum of six credits, under different course subtitles recorded with the registrar. **Prerequisite:** Consent of instructor.

### Physical Sciences

#### 423. EXPERIMENTAL PHYSICAL CHEMISTRY I **2 hours credit**

A laboratory and report writing course emphasizing classical experiments in physical chemistry. Taught only in fall of odd years. **Pre- or corequisite:** Chemistry 421. **Two hours lecture and two hours laboratory per week.**

#### 424. EXPERIMENTAL PHYSICAL CHEMISTRY II **2 hours credit**

A laboratory-based course emphasizing the theory and applications of modern instrumental methods. Taught only in spring of even years. **Pre- or corequisite:** Chemistry 422. **Two hours lecture and two hour laboratory per week.**

#### 499. SPECIAL TOPICS IN CHEMISTRY, PHYSICS OR GEOLOGY **3 hours credit**

A study of a specific area of physical science. The topic will vary from semester to semester. The course may be taken twice for credit, under different course subtitles recorded with the registrar. **Three hours per week.**

#### 599. SPECIAL TOPICS IN CHEMISTRY **Variable 1-4 hours credit**

A study of specific a area of chemistry. The topic will vary from semester to semester. The course may be taken twice for credit. **Lab-lecture equivalence.**

### Political Science

#### 401. POLITICAL THEORY **3 hours credit**

A survey of political thought based on the analysis of ideas of leading ancient, medieval and modern theorists including the historical setting of major theories, their impact on political institutions and social changes, and their contemporary significance. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

#### 409. THEORY OF INTERNATIONAL RELATIONS: CONFLICT AND WAR **3 hours credit**

This course is designed to acquaint students with the major theories of international relations, especially those concerned with explaining international conflict. The major questions to be studied are: Why do nations go to war? How can war be prevented? Once war is begun, how can it be limited and terminated? **Prerequisite:** Nine hours of social sciences. **Three hours per week.**

#### 411. INTERNATIONAL LAW **3 hours credit**

A survey of the general principles and special rules of international law as well as its recent trends and its relations to other aspects of international affairs. **Prerequisite:** Political Science 101 or 110. **Three hours per week.**

#### 412. GOVERNMENT AND POLITICS OF LATIN AMERICA **3 hours credit**

A comparative study of politics and governments in selected countries in Latin America. **Three hours per week.**

#### 415. SOVIET FOREIGN POLICY **3 hours credit**

A study of the trends, developments and major

issues in Soviet foreign policy. An attempt will be made to address the historical background and the ideological foundations of Soviet foreign policy as well as the domestic political factors which have shaped Soviet foreign relations. **Prerequisites:** Political Science 310 or History 424 or permission of the instructor. **Three hours per week.**

#### 430. THE CONGRESS IN AMERICAN POLITICS **3 hours credit**

Analysis of the structural characteristics and functions of the United States Congress. Factors influencing congressional decision making and the importance of Congress in the American political process will be discussed. **Prerequisite:** Political Science 101 and 110. **Three hours per week.**

#### 431. LOCAL GOVERNMENT IN THE UNITED STATES **3 hours credit**

An examination of county, metropolitan and municipal governments with emphasis on a description of these political subsystems, their place in the federal system and the relationship between the socio-economic environment, governmental structure and public policy. **Prerequisite:** Political Science 101 and 110. **Three hours per week.**

#### 440. PUBLIC ADMINISTRATION **3 hours credit**

A study of the basic characteristics of modern American governmental bureaucracies, as well as an analysis of some of the important issues which public administrators face. Exploration of administrative and organizational theories. Credit will not be granted if the student has taken Political Science 220. **Prerequisites:** Political Science 101 or 110. **Three hours per week.**

#### 480. STUDIES IN POLITICAL SCIENCE **3 hours credit**

An intensive study of a specialized area of inquiry within the major subfields of political science: comparative government, political theory and public policy. This course may be taken twice under different titles recorded with the registrar. **Prerequisites:** Political Science 101 or 110 or nine hours of upper level political science. **Three hours per week.**

#### 500. PROBLEMS OF WORLD POLITICS **3 hours credit**

A study of the political problems and issues among nations—such as propaganda—causes of war, armaments control and neutrality, which affect the peace and security of the United States and other nations. **Three hours per week.**

#### 510. SEMINAR IN AMERICAN GOVERNMENT **3 hours credit**

A seminar designed to examine contemporary problems in governing the American nation. This course may be taken twice under different course subtitles recorded with the registrar. **Three hours per week.**

### Psychology

#### 403. MEASUREMENT AND EVALUATION IN PSYCHOLOGY **3 hours credit**

A coverage of correlational techniques, reliability and validity. Psychological tests and questionnaires are considered in terms of their measurement assumptions and utility. **Prerequisite:** Psychology 220 or consent of instructor. **Three hours per week.**

#### 405. ABNORMAL PSYCHOLOGY **3 hours credit**

A survey of the etiology, diagnosis and prognosis of neurosis, psychosis, psychosomatic disorders, transient situational maladjustments and personality disorders. Included will be a discussion of various treatment approaches. **Prerequisite:** Psychology 210. **Three hours per week.**

#### 406. PSYCHOLOGY OF ATTITUDES AND ATTITUDE CHANGE **3 hours credit**

This course is concerned with how attitudes are formed, measured and changed. Emphasis will be placed on the classical theories and on new approaches to attitude formulation and change. **Prerequisite:** Psychology 306 or consent of the instructor. **Three hours per week.**

#### 407. PSYCHOLOGY OF PERSONALITY **3 hours credit**

A survey of major theoretical approaches to the origin and development of human personality. **Prerequisite:** Psychology 210. **Three hours per week.**

#### 408. HISTORY AND SYSTEMS IN PSYCHOLOGY **3 hours credit**

Study of basic integrating theories of psychology. **Prerequisite:** Psychology 211 or consent of the instructor. **Three hours per week.**

#### 409. ENVIRONMENTAL PSYCHOLOGY **3 hours credit**

A study of the effects of the environment on



human behavior. Consideration will be given to such topics as organizational structure and climate, architecture, population density and urban stress. **Prerequisite:** Psychology 210. **Three hours per week.**

#### 412. PHYSIOLOGICAL PSYCHOLOGY 3 hours credit

The investigation of morphological, neurochemical and physiological bases of behavior. **Prerequisite:** Psychology 211. **Three hours per week.**

#### 415. MOTIVATION AND EMOTION 3 hours credit

A survey of experimental findings and theory of processes that energize and direct behavior. **Prerequisite:** Psychology 211. **Three hours per week.**

#### 422. PSYCHOLOGY OF AGING 3 hours credit

A study of selected topics in human development from early adulthood to senescence. **Prerequisite:** Psychology 210. **Three hours per week.**

#### 423. PSYCHOLOGY OF THE EXCEPTIONAL CHILD 3 hours credit

A study of children who vary from the norm including the gifted, physically handicapped, mentally handicapped, socially handicapped and emotionally disturbed. **Prerequisite:** Psychology 300 or Psychology 320, or Education 300, or consent of the instructor. **Three hours per week.**

#### 425. PSYCHOLOGY PRACTICUM 3 hours credit

A course designed to provide the psychology major with actual training experience in a variety of clinical settings. May be taken twice. **Prerequisite:** 15 hours in psychology and consent of instructor. **Three hours per week.**

#### 430. LEARNING THEORY AND ITS APPLICATION 3 hours credit

A course designed to acquaint students with the theoretical base and experimental data to support a unified approach to human learning. This course will also provide the student with the direct applicability of learning theory to the education of the individual. **Prerequisite:** Education 300, Psychology 211 (or equivalent) or consent of the instructor. **Three hours per week.**

#### 444. BASIC HELPING RELATIONSHIPS 3 hours credit

Designed to provide students with both background and skills in the use of dyadic relationship for promoting the personal growth and development of clients they will see in their future work. The course will emphasize three basic components involved in being a helper: (1) an understanding of yourself; (2) some knowledge of helping skills; and (3) experience in applying these skills. **Prerequisite:** Psychology 210. **Two hours lecture and three hours laboratory per week.**

#### 460. INTRODUCTION TO CLINICAL PSYCHOLOGY 3 hours credit

A comparative study of the theories and practices in the treatment of mental and emotional disorders. Included are the most commonly employed analytical, neo-analytical and behavioral systems of clinical psychology as well as a survey of psychodiagnostic materials. **Prerequisite:** Psychology 210 or consent of instructor. **Three hours per week.**

#### 462. BEHAVIOR MODIFICATION IN BUSINESS AND INDUSTRY 3 hours credit

A behavioral analysis of problems and topics taken from current business and industry journals. Additional emphasis on procedures used in leadership effectiveness programs. **Prerequisite:** Psychology 210. **Three hours per week.**

#### 465. PRINCIPLES AND TECHNIQUES OF GROUP THEORY 3 hours credit

A study of the principles and techniques of group counseling/psychotherapy and their application. Includes a review of the psychological and historical development of group theory and a study of the pertinent research. Discussion and role-playing are important elements of this course. **Prerequisite:** Advanced standing. **Three hours per week.**

#### 490. INDIVIDUAL DIRECTED STUDY Variable 1-3 hours

A course designed to enable advanced students to pursue through observation, experimentation or library research a topic of their choosing. May be taken more than once for a maximum of six credits. **Prerequisite:** Consent of department chair.

#### 495. SELECTED TOPICS IN PSYCHOLOGY Variable 1-3 hours credit

Intensive study in a psychological therapeutic

technique, person, developmental period or theory. May be repeated for credit in different areas of study to a maximum of six credit hours. **Prerequisite:** Consent of instructor.

#### 501. A SEMINAR IN THE PSYCHOLOGY OF THE MENTALLY RETARDED 3 hours credit

A seminar enabling students to intensively investigate specific problems in the etiology, diagnosis, assessment and treatment of the mentally retarded. **Prerequisites:** Psychology 468 and consent of instructor. **Three hours per week.**

#### 502. PSYCHOLOGY OF LEARNING DISABILITIES 3 hours credit

A thorough overview of learning dysfunctions from the points of view of medicine, psychology and education. Emphasis placed on deviant learning problems, causes of learning disabilities, identification and treatments. **Prerequisite:** Psychology 423 or equivalent. **Three hours per week.**

#### 503. BEHAVIORAL PROBLEMS IN CHILDREN AND YOUTH 3 hours credit

A study of behavioral problems in children and young people, ranging from mild personality disorders to psychoses. Special consideration is given to symptoms, etiology and treatment. **Prerequisites:** Master's degree student and consent of instructor. **Three hours per week.**

#### 504. MENTAL HYGIENE 3 hours credit

A study of the forces influencing the development of the stable and the deviant personality and how most effectively to deal with these factors. **Prerequisite:** Psychology 210 or consent of the instructor. **Three hours per week.**

#### 505. PERSONALITY ASSESSMENT 3 hours credit

A survey of the techniques of personality evaluation including questionnaires, situational tests, attitude scales and interviewing procedures. **Prerequisite:** Psychology 520 and consent of instructor. **Three hours per week.**

#### 507. PSYCHOTHERAPY AND COUNSELING 3 hours credit

A study of the philosophical and psychological assumptions and fundamental practices of the major approaches to psychotherapy and counseling in modification of human behavior. **Prerequisite:** Consent of instructor. **Three hours per week.**

#### 511. DIAGNOSTIC TESTS IN COUNSELING 3 hours credit

A study of diagnostic tests in counseling and their relationship to therapeutic procedures in order to better understand clients and improve effectiveness. **Prerequisite:** Master's degree student. **Three hours per week.**

#### 515. SEMINAR IN ADOLESCENT BEHAVIOR 3 hours credit

This course will cover current issues in adolescent behavior such as drug use, parental relationships, peer interactions and other related topics. This course will require a paper, an adolescent study and group work in developing research tools. **Three hours per week.**

#### 520. CLINICAL ASSESSMENT I 3 hours credit

A course dealing with three focal areas: (1) theories of intelligence; (2) administration of individual and group intelligence tests; (3) reporting of intelligence test results. **Prerequisite:** Master's degree student. **Three hours per week.**

#### 521. CLINICAL ASSESSMENT II AND PROJECTIVE TECHNIQUES 3 hours credit

Theory, research findings and clinical applications of major testing instruments relative to the emotionally disturbed, mentally retarded, physically handicapped and brain lesioned. Projective techniques included. **Prerequisite:** Psychology 520. **Three hours per week.**

#### 525. ADVANCED CLINICAL PRACTICUM 3 hours credit

This course is an experiential activity available to master's degree students who are interested in developing their skills in the practice of counseling and clinical activities. Students, in consultation with their advisors, will select appropriate practicum placements in relevant agency or school settings. Supervision of practicum will be provided by both the agency and the department. May be taken twice, under different course subtitles recorded with the registrar. **One hour of lecture and five hours of laboratory per week.**

#### 530. DIRECTED RESEARCH 3 hours credit

Preparation of optional research project for students in Master of Education program concentrating in psychology. **Prerequisite:** Consent of department chair.

#### 531. THESIS 3 hours credit



### 555. ADVANCED EXPERIMENTAL PSYCHOLOGY

3 hours credit

The assessment of designs for research questions in order to provide students with the necessary research tools to adequately determine the effectiveness of various treatment approaches. **Prerequisite:** Master's degree student. **Two hours lecture and two hours of laboratory per week.**

### 560. STATISTICAL ANALYSIS OF EXPERIMENTS

3 hours credit

A coverage of the statistical procedures necessary to test hypotheses. Topics to be covered will include test of a single parameter and the differences between two or more parameters. Correlation will be considered also. **Prerequisite:** Master's degree student. **Three hours per week.**

### 562. HUMAN DEVELOPMENT

3 hours credit

In-depth study of human growth and development. The course is geared to the graduate student who has not had developmental psychology or the psychology of infancy and childhood. Topics to be covered include biological bases of development, learning, intellectual and moral development, language, motivation and emotion, and the socialization influence of family, peers and schools. **Prerequisite:** Psychology 210. **Three hours per week.**

### 566. ADVANCED GROUP THEORY AND PRACTICE

3 hours credit

In this course students will receive training and knowledge in the following areas: theoretical models for groups; techniques and exercises in facilitating the group process; practice in groups and self-analysis experiences. **Prerequisite:** Psychology 465. **Three hours per week.**

### 571. BEHAVIOR MODIFICATION AND THERAPY

3 hours credit

This course is designed to (1) provide a theoretical foundation for the applied analysis of behavior including both operant and classical conditioning procedures and (2) provide students with the applied cases in which both operant and classical conditioning procedures have been used. **Three hours per week.**

### 575. GRADUATE SEMINAR ON AGING

3 hours credit

An intensive survey of some aspects of human

aging. It covers theories, retirement, middle age problems, work, leisure, physical aspects of aging, education and opportunities for the aged. It is designed to make students sensitive to the needs of the aged, as well as to provide them with basic data. **Three hours per week.**

### 580. PHYSIOLOGICAL ASPECTS OF ABNORMAL BEHAVIOR

3 hours credit

This course is designed to familiarize the student with brain and nervous system actions, demonstrating how malfunctions in physiological systems correlate with behavioral abnormalities. **Three hours per week.**

## Social Science

### 400. CURRENT PROBLEMS

3 hours credit

A study is made of either general or special topics of our times. The topics are considered from historic aspects and the present social and cultural settings in which they occur. **Three hours per week.**

## Social Work

### 410. ALCOHOL AND DRUGS: IMPLICATIONS FOR HUMAN SERVICES

3 hours credit

A course focusing on the various forms of alcohol and drug use with an emphasis on the stages of harmful dependence and addiction. There will be an examination of our social and legal responses to these drugs and their uses, as well as approach to treatment, rehabilitation and prevention. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

### 420. COMMUNITY ORGANIZATION: STRATEGIES FOR CHANGE

3 hours credit

A study of various methods of social intervention utilized in promoting the development of community action in dealing with social problems. Focus will be on the role of the social worker, the interactional processes and the impact on social institutions. **Prerequisites:** Social Work 375 and 371 or consent of instructor. **Three hours per week.**

### 430. BLACK COMMUNITY

3 hours credit

A study in the structure and functioning of the black community—its cultural base and adaptation in contemporary America. Focus is placed on community institutions, formation of identity, self-image within the community, the communities'

relationship to the wider society and implications for intervention by helping professions. Not open to students who have taken this course title under Social Work 482. **Prerequisite:** Social Work 375, equivalent or consent of instructor. **Three hours per week.**

### 480. HUMAN SERVICE IN RURAL SETTINGS

3 hours credit

An examination of the social ecology of the rural community, the formal and informal human service delivery systems, and the network of existing and potential community resources. Special emphasis is on understanding the need for development of a broad range of social work practice skills. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

### 481. SOCIAL WORK IN SPECIAL SETTINGS

3 hours credit

Social work concepts, methods and program development in selected human service settings such as school, medical, mental health, etc. In-depth study of setting and organizational goals, structure and patterns of service delivery for social work practice in these settings. May be repeated under different subtitles. **Prerequisite:** Social Work 271 or consent of instructor. **Three hours per week.**

### 482. SOCIAL WORK WITH MINORITY GROUPS

3 hours credit

Social work concepts, methods, values and commitments to program development for minority groups such as the physically and mentally handicapped, migrant workers, women, etc. A careful look at subcultures, situational and significant organizational arrangements for social work practice with these groups. **Prerequisite:** Social Work 375 or consent of instructor. **Three hours per week.**

### 484. SOCIAL WORK AND THE LAW

3 hours credit

The study of family, social welfare and consumer law; the legal authority of social agencies and their power to make rules; and guidelines for court testimony and on rules of evidence. **Prerequisite:** Social Work 271 or consent of instructor. **Three hours per week.**

### 485. ADMINISTRATION AND SUPERVISION IN THE HUMAN SERVICES

3 hours credit

This course covers the organization and management of human service organizations. Included is an introduction to formal organizations, management theory and practice, and direct supervi-

sion. Special emphasis will be given to the unique characteristics of the public sector. **Prerequisite:** Junior standing or above. **Three hours per week.**

### 492. SOCIAL GROUP WORK

3 hours credit

This course is designed to examine theories and practice models of social group work. Three group models will be studied: reciprocal, remedial and social-goals. Content includes stages of group development, goal orientation in groups, group problem-solving, leadership roles and the role of the facilitator. Course is not open to students who have taken Social Work 499. **Prerequisite:** Social Work 375, equivalent or consent of instructor. **Three hours per week.**

### 495. FAMILY INTERVENTION

3 hours credit

A course in family practice which takes a systematic and structural view of the family. Study will focus on internal and external factors which influence family function and/or dysfunction. Content includes family development life cycle, member roles, implications of family history, violence in the family, and skills and techniques in analyzing relationship patterns and structures. Intervention choices will also be explored. Course is not open to students who have taken Social Work 499. **Prerequisite:** Social Work 375, equivalent or consent of instructor. **Three hours per week.**

## Sociology and Anthropology

### 409. SOCIOLOGY OF EDUCATION

3 hours credit

Analysis of public education as a bureaucratic social institution, the countervailing community power structure and the professional role of the educator. **Three hours per week.**

### 410. SOCIAL RESEARCH II

4 hours credit

Further training in methods of research in the social sciences. Emphasis on data analysis, including organization of data for computer processing, hypothesis-testing and simple casual modeling. **Prerequisite:** Sociology 309 or consent of instructor. **Three hours lecture and two hours laboratory per week.**

### 421. DEVELOPMENT OF SOCIAL THOUGHT

3 hours credit

An analysis of the historical antecedents and contemporary profiles of sociological theory emphasizing major figures and dominant paradigms. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**



**422. CONTEMPORARY SOCIOLOGICAL THEORY**  
3 hours credit

An analysis of the current state and future directions of sociological theory. **Prerequisite:** Sociology 211 or consent of instructor. **Three hours per week.**

**452. COMPARATIVE CULTURES**  
3 hours credit

Cross-cultural survey of primitive societies with emphasis on human social differences and their meaning: Africa, Asia, North and South America, and Oceania. This course will focus on the diversity of human cultures, concentrating on varying marital, religious, economic, family and social patterns.

**Prerequisite:** Sociology 212 or consent of the instructor. **Three hours per week.**

**459. SEMINAR IN ANTHROPOLOGY: SELECTED TOPICS**  
3 hours credit

Individual and group study of selected topics from the four subdisciplines of anthropology (cultural anthropology, physical anthropology, linguistic anthropology and archaeology). May be repeated once under a different subtitle. **Prerequisite:** Sociology 212 and 350. **Three hours per week.**

**499. SPECIAL TOPICS**  
3 hours credit

Number reserved for courses approved as an experimental response to student interest or community need. May be repeated once under a different subtitle. **Prerequisite:** Sociology 211 or consent of the instructor. **Three hours per week.**

**512. GRADUATE SEMINAR IN SOCIOLOGY**  
3 hours credit

Study and discussion of a selected topic of sociological significance, such as social movements, roots of social inequality, social power or the management of conflict. **Prerequisite:** Six hours of Sociology or consent of the instructor. **Three hours per week.**

**515. RURAL LIFE STYLES**  
2 hours credit

The course examines the various lifestyles of people in the rural community of the Delmarva Peninsula. These include farmers, migrant workers, watermen, townspeople and tourists. Live interviews, simulated interviews and/or mobile clinic visits will be utilized to assist in comparing and contrasting the lifestyles so that more effective

health care can be planned and implemented for this population. **Two hours per week.**

**516. INDIVIDUAL DIRECTED STUDY**  
3 hours credit

Intensive study in a specific area of sociology agreed upon by student and faculty. Open only to students who have completed six hours in sociology and are taking a concentration in sociology. May be repeated once under a different subtitle. **Prerequisite:** Consent of instructor who will direct the study.

**530. DIRECTED RESEARCH**  
3 hours credit

Preparation of optional research project in master's degree program under direction of a departmental supervisor. **Prerequisite:** Approval of chair.

**560.A PRACTICUM OR INTERNSHIP**  
Variable 1-6 hours credit

An applied sociology combination of study and work. Emphasis is on integrating the theoretical concepts of sociology with a practical experience of work with a recognized employing unit able to provide adequate on-the-job guidance. One to six hours credit to be determined by the student and the faculty coordinator. **Prerequisite:** Nine hours in sociology and approval of chair.

**Spanish**

**405. SPECIAL PROBLEMS IN SPANISH**  
Variable 1-3 hours credit

Individual study of special areas in Spanish linguistics, such as phonetics and diction in the history and evolution of the language or in Spanish and Latin American literature. Advice and direction from a member of the department required. May be repeated by same student with new content. **Prerequisite:** Spanish 320, 321 or consent of the department chair.

**412. SPANISH LITERATURE OF THE GOLDEN AGE**  
3 hours credit

Study of selected masterpieces of Spanish literature of the *Siglo de Oro*. **Prerequisite:** Spanish 320, 321 or consent of the department chair. **Three hours per week.**

**415. NINETEENTH AND TWENTIETH CENTURY SPANISH LITERATURE**  
3 hours credit

A study of the development of movements in Spanish literature of this period through selected works of outstanding authors. **Prerequisite:**

Spanish 320, 321 or consent of department chair. **Three hours per week.**

**417. NINETEENTH AND TWENTIETH CENTURY SPANISH AMERICAN LITERATURE**  
3 hours credit

A study of the major works in Spanish American literature of the 19th and 20th centuries. **Prerequisite:** Spanish 320 or 321 or consent of departmental chair. **Three hours per week.**

**418. CONTEMPORARY LITERATURE IN SPANISH**  
3 hours credit

A study of selected contemporary works in Spanish. The selection will vary from year to year. **Prerequisite:** Spanish 320, 321 or consent of department chair. **Three hours per week.**

**495. SPANISH FOR PROFESSIONAL AND SERVICE PERSONNEL I**  
3 hours credit

Students develop fluency in spoken and written Spanish. Situational dialogues in cross-cultural settings underline practical intent. Specific applicability for migrant teachers, social workers, business and hospital personnel. **Three hours per week.**

**496. THE BILINGUAL, BICULTURAL CLASSROOM**  
3 hours credit

Preparation for those in education whose work may involve contact with students and parents from different language and cultural backgrounds, with emphasis on the problems and needs of the Spanish-speaking child. Studies include cross-cultural communication, survival skills in Spanish and culturally relevant materials. **Three hours per week.**



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  - ☐ Traditional
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☐ M.ED.

## Concentration:

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- ☐ Early Childhood Education
- ☐ Educational Administration
- ☐ Elementary Education
- ☐ English
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- ☐ Mathematics
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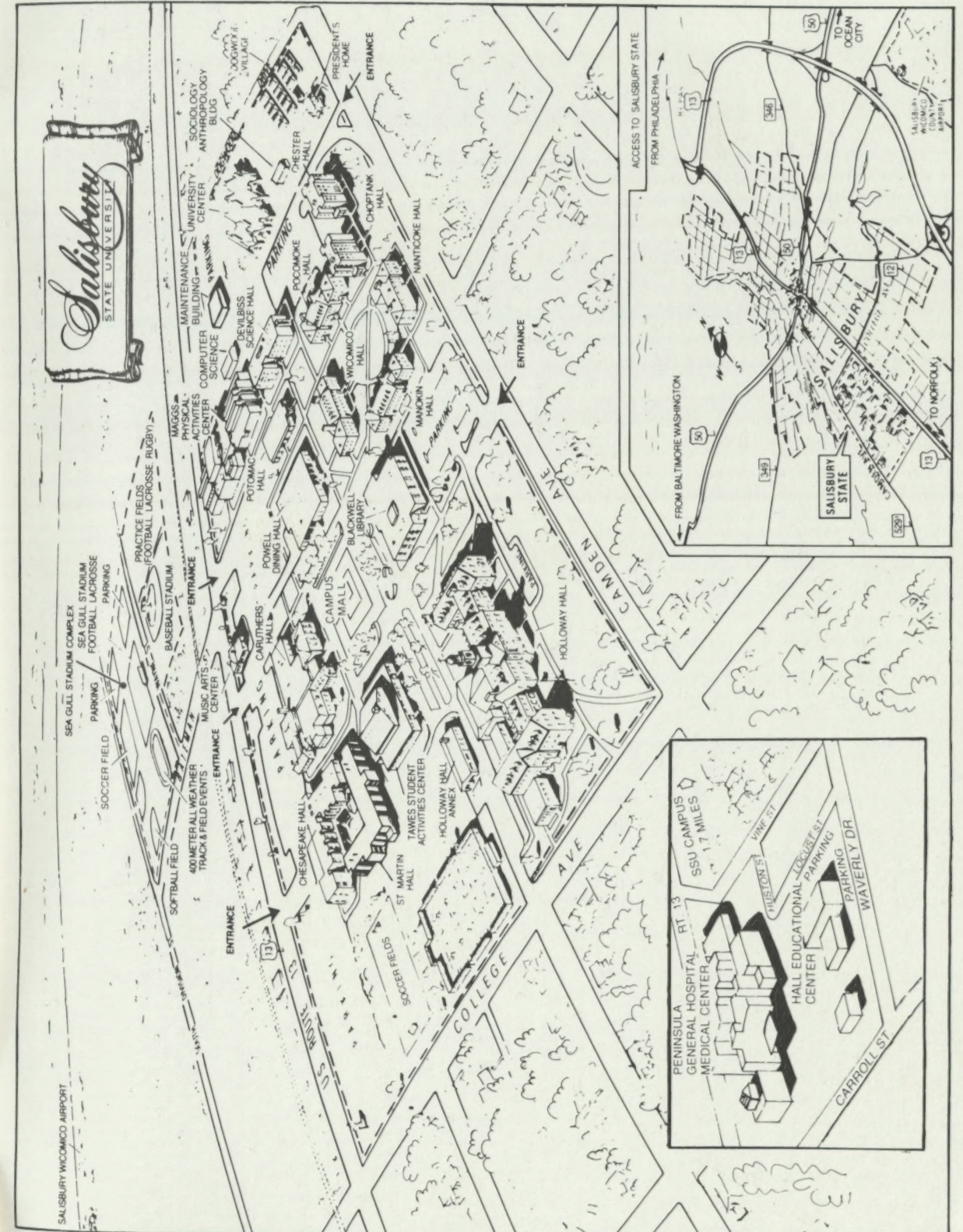
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